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SMOS

SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE

STATION: #14790 South Weymouth, MA
LAT. 42:09 N. LONG. 70:56 W.

PERIOD: HOURLY: 1945-1986
DAILY: 1945-1986

ELEVATION: 161 feet

JOB NO. TASK RN3AB2KD DATE December 1988

DTIC ELECTE JAN 6 1989 S H D

PREPARED BY
NAVAL OCEANOGRAPHY
COMMAND DETACHMENT,
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

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19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, coastal region, snow depth, and cloud cover.

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure.

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DEC 16 1988

From: Officer in Charge, Naval Oceanography Command Detachment Asheville

Subj: *SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS)*

1. Discussion. This edition of the SMOS was produced utilizing a revised software package. The product has been expanded to include station climatic summary tables and is considered a stand alone publication. This update includes the period of record (POR) through 1986 for all hourly and daily data. Our revised production methodology incorporates two computerized editing phases after the initial processing stage and a manual review and intervention of suspect data prior to the print phase. Every effort has been made to produce at least a 99.9 percent data perfect product based on the stations observation data. We have switched to a direct computer printout on standard computer paper instead of the previous print format. This results in a 85 percent print cost savings over our old specialized print format.

2. Weather Conditions. This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in two tables as follows:

Table 13 By month, all years combined, by standard 3-hour groups and all hours combined.

Table 14 By month and annual, all hours and years combined, by wind direction.

Occurrences of the various phenomena included in each category on the forms are listed below:

a. Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

b. Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

c. Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

d. Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

e. Hail - Occurrences of hail and small hail are included.

f. Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

g. Fog - Included are fog, ice fog, and ground fog.

h. Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

i. Blowing snow - Occurrences of blowing snow also drifting snow when reported from non-WBAN sources.

j. Dust and/or sand - Included are blowing dust, blowing sand, and dust.

k. Blowing spray - This item if reported, is not shown in a separate category on this table but is included in the computation Percentage of Observations with Obstructions to Vision.

1. Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

3. Atmospheric Phenomena **Table 36**: This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

a. The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

b. This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

4. Precipitation, Snowfall and Snow Depth. These elements are presented using the daily amounts and extreme value.

a. **Tables 8, 9, and 10** provide for each element separately the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least).



b. **Table 21** for each element presents the extreme daily amounts by individual month and day for the entire period of record available.

c. **Tables 23, 24, and 25** provide for each element separately individual year and month extreme daily amounts and the means and standard deviations for each month and annual for all months combined.

NOTE 1: Snow depth was recorded and punched at various hours during the period available from U.S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

U.S. Navy and Weather Bureau Stations:

From beginning of record thru Jun 52	Snow depth at 0030 UTC
Jul 52 - May 57	Snow depth at 1230 UTC
Jun 57 - present	Snow depth at 1200 UTC

NOTE 2: Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.

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5. Surface Winds.

a. Extreme Values - Peak Gusts **Table 27**: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the *ALL MONTHS* value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with <90% observations reported is also provided.

b. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction. A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

Table 1 contains three presentations prepared for all surface winds included, and for all years combined as follows:

(a) By month - by standard 3-hour groups

(b) By month - all hours combined

(c) Annual - all hours combined

6. Ceiling Versus Visibility **Table 2**. *This summary is a bivariate percentage frequency distribution* by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

(a) By Month - by standard 3-hour groups

(b) By Month - all years and all hours combined

(c) Annual - all years and all hours combined

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minimal may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on on the following pages.

Beginning in July 1948 for U. S. Air Force stations and January 1949 for National Weather Service (NWS) and U.S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1: Read ceiling values independently of visibility under column at right headed > 0. For instance, from the table:

Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2: Read visibilities independently of ceilings on bottom line opposite > 0. From the tables:

Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3: To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

EXAMPLE # 4: Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5: To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 miles.

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

7. Sky Cover **Table 11**. This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover (see Note 3) and total number of observations. It is presented as follows:

By month and annual - by standard 3-hour groups, and all hours combined.

NOTE: #1: Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. NWS stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: #2: Some data sources used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

NOTE: #3: Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions:

0/10 equates to clear
1/10 to 5/10 equates to scattered
6/10 to 9/10 equates to broken
10/10 equates to overcast

8. Psychrometric Summaries.

a. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

Table 5 Daily maximum temperature
Table 6 Daily minimum temperature
Table 7 Daily mean temperature

b. Daily Average/Extreme Temperatures **Table 29** derived observations and presented for each month and day for entire period of record available are average temperature, average and extreme maximum temperature, average and extreme minimum.

c. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard of daily extreme temperatures are prepared:

Table 30 Extreme maximum temperature
Table 31 Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

d. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature **Table 3.** This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

(1) The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression is 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total number of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

(2) Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of each page. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

(3) At the lower right of each page **Table 40** gives the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

d. Means and standard deviations. These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

Table 15 Dry-bulb temperature
Table 16 Wet-bulb temperature
Table 17 Dew-point temperature

e. Cumulative percentage frequency of occurrence of relative humidity **Table 12.** This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

By Month and Annual - by standard 3-hour groups, and all hours combined with the hour groups being the vertical argument. All years are combined for this summary.

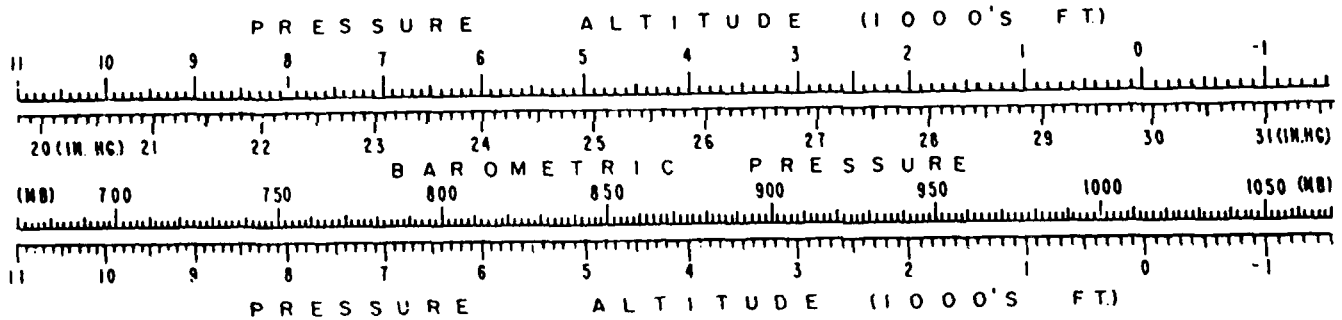
f. Percentage frequency of occurrence of dry-bulb temperature versus wind direction **Table 4.** This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in five degree increments and horizontally by eight wind directions (plus calm).

9. Pressure Summary. Two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times UTC. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables.

Table 18 Station pressure in inches of mercury

Table 19 Sea-level pressure in millibars

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure latitude in 1000's of feet. This scale is an enlarged model of the pressure latitude scale in the Smithsonian Meteorological Tables.



M. L. DICKENSON

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TABULATION INDEXES BY NUMBER

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2	CEILING VERSUS VISIBILITY -- BY HOUR
3	PSYCHROMETRIC SUMMARY -- DEPRESSIONS, DRY BULB, WET BULB, DEW POINT
28	MEANS AND STANDARD DEVIATIONS OF RELATIVE HUMIDITY
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39	OMITTED

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1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.7	1.8	2.7	1.3	.2	.1	.0	.1	.0	.0	.0	7.1	8.9
NNE	.5	1.0	1.2	.4	.1	.2	.0	.0	.0	.0	.0	3.4	8.7
NE	.2	.1	.4	.0	.0	.1	.0	.0	.0	.0	.0	.9	8.9
ENE	.4	.1	.2	.5	.0	.1	.0	.0	.0	.0	.0	1.3	9.8
E	.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.9
ESE	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.8
SE	.2	.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	1.5	6.4
SSE	.5	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	1.2	6.5
S	1.0	1.3	1.0	.6	.1	.1	.0	.0	.0	.0	.0	4.2	7.4
SSW	.9	2.3	1.7	.6	.2	.0	.0	.0	.0	.0	.0	5.7	7.0
SW	1.6	2.2	2.1	.9	.4	.0	.0	.0	.0	.0	.0	7.1	7.1
WSW	1.2	2.2	2.6	.5	.0	.0	.0	.0	.0	.0	.0	6.5	6.4
W	1.8	5.0	3.9	2.3	.2	.1	.0	.0	.0	.0	.0	13.4	7.3
WNW	2.1	2.9	3.3	2.8	.2	.0	.0	.0	.0	.0	.0	11.4	7.9
NW	1.1	2.6	3.1	2.3	1.7	.1	.0	.0	.0	.0	.0	10.9	9.9
NNW	.9	1.8	3.2	1.3	.1	.0	.0	.0	.0	.0	.0	7.3	8.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.2	.0
ALL	13.8	25.0	26.6	13.7	3.5	1.0	.0	.1	.0	.0	.0	100.0	6.6

TOTAL NO. OF OBS : 819

NOTES :
* = PERCENT < .05

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.0	2.0	2.3	.9	.4	.1	.0	.0	.0	.0	.0	6.6	8.1
NNE	.5	.7	.7	.7	.0	.2	.0	.0	.0	.0	.0	2.9	9.3
NE	.5	.2	.9	.0	.1	.0	.1	.0	.0	.0	.0	1.8	8.3
ENE	.2	.7	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.5	6.8
E	.0	.4	.4	.1	.0	.0	.1	.0	.0	.0	.0	1.0	11.0
ESE	.5	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.9	5.0
SE	.9	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	1.8	6.2
SSE	.7	.0	.4	.5	.0	.1	.0	.0	.0	.0	.0	1.7	8.1
S	1.3	1.5	1.1	.4	.1	.0	.0	.0	.0	.0	.0	4.4	5.9
SSW	1.6	2.0	1.5	.5	.2	.1	.0	.0	.0	.0	.0	5.9	7.0
SW	1.0	2.1	2.3	.5	.1	.0	.0	.0	.0	.0	.0	6.0	6.8
WSW	1.2	2.8	2.0	.6	.1	.1	.0	.0	.0	.0	.0	6.8	6.5
W	1.8	3.5	4.0	1.6	.0	.0	.0	.0	.0	.0	.0	11.0	7.1
WNW	1.7	3.3	3.4	2.6	.5	.1	.0	.0	.0	.0	.0	11.6	8.3
NW	2.1	3.9	3.4	3.1	.9	.1	.0	.0	.0	.0	.0	13.4	8.5
NNW	.9	1.8	2.4	2.0	.0	.1	.0	.0	.0	.0	.0	7.2	8.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.5	.0
ALL	15.9	25.5	25.4	13.7	2.7	1.1	.2	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 819

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.0	1.4	2.0	1.0	.5	.0	.0	.0	.0	.0	.0	5.9	8.2
NNE	.3	.2	1.1	.4	.3	.3	.0	.0	.0	.0	.0	2.6	11.2
NE	.1	.7	.7	.4	.1	.0	.1	.0	.0	.0	.0	2.1	9.2
ENE	.4	.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	1.4	10.4
E	.5	.2	.4	.3	.0	.0	.0	.0	.0	.0	.0	1.4	6.9
ESE	.2	.6	.2	.3	.0	.0	.0	.0	.0	.0	.0	1.3	6.7
SE	.6	.1	.2	.2	.0	.1	.0	.0	.0	.0	.0	1.2	7.8
SSE	.3	.6	.4	.2	.2	.0	.0	.0	.0	.0	.0	1.7	7.8
S	1.8	1.3	.8	.5	.0	.0	.0	.0	.0	.0	.0	4.4	5.4
SSW	1.7	2.9	2.2	.3	.4	.1	.0	.0	.0	.0	.0	7.6	6.6
SW	1.2	1.6	2.6	.7	.2	.0	.0	.0	.0	.0	.0	6.3	7.0
WSW	1.6	2.4	2.0	.7	.0	.0	.0	.0	.0	.0	.0	6.7	6.0
W	1.7	2.7	3.4	1.6	.2	.1	.0	.0	.0	.0	.0	9.7	7.4
WNW	1.2	2.5	4.6	3.4	.6	.0	.0	.0	.0	.0	.0	12.2	9.1
NW	.9	3.7	3.8	2.8	.3	.0	.0	.0	.0	.0	.0	11.4	8.4
NNW	1.0	2.3	2.3	2.1	.2	.0	.0	.0	.0	.0	.0	7.9	8.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.4	.0
ALL	14.4	23.2	26.9	15.2	7.1	.7	.1	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1005

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.1	2.0	3.6	1.3	.4	.0	.0	.0	.0	.0	.0	8.4	8.2
NNE	.5	.9	1.2	.7	.5	.3	.1	.0	.0	.0	.0	4.2	10.6
NE	.3	.4	.8	.1	.3	.0	.0	.0	.0	.0	.0	1.9	9.0
ENE	.1	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.7	10.7
E	.3	.4	.5	.2	.1	.0	.0	.0	.0	.0	.0	1.5	7.7
ESE	.3	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	1.2	6.5
SE	.4	.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	1.1	6.1
SSE	.7	1.1	.5	.4	.0	.0	.0	.0	.0	.0	.0	2.7	6.4
S	1.3	1.9	1.4	.5	.1	.1	.0	.0	.0	.0	.0	5.3	6.5
SSW	.3	1.3	2.8	1.4	.5	.0	.1	.0	.0	.0	.0	6.4	9.9
SW	.2	2.2	2.2	1.4	.1	.0	.0	.0	.0	.0	.0	6.1	8.2
WSW	.5	1.2	2.5	1.6	.4	.0	.0	.0	.0	.0	.0	6.2	9.3
W	.9	2.7	4.8	3.7	.9	.0	.0	.0	.0	.0	.0	12.9	9.4
WNW	.5	1.5	4.6	4.5	1.5	.1	.0	.0	.0	.0	.0	12.6	11.1
NW	1.1	2.3	4.6	3.8	1.0	.3	.0	.0	.0	.0	.0	13.0	9.9
NNW	.7	2.5	3.6	2.6	.6	.2	.0	.0	.0	.0	.0	10.1	9.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	.0
ALL	9.2	21.1	33.5	22.9	6.4	1.0	.2	.0	.0	.0	.0	100.0	8.7

TOTAL NO. OF OBS : 1005

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.8	2.2	3.1	1.2	.2	.1	.0	.0	.0	.0	.0	7.6	8.1
NNE	1.1	1.2	.7	1.1	.2	.2	.1	.0	.0	.0	.0	4.6	9.1
NE	.4	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	2.2	9.0
ENE	.2	.4	.4	.0	.0	.1	.0	.0	.0	.0	.0	1.1	6.8
E	.4	.2	.7	.5	.1	.1	.0	.0	.0	.0	.0	2.0	8.9
ESE	.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.6
SE	.4	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	1.2	6.6
SSE	.1	.9	.7	.1	.1	.0	.0	.0	.0	.0	.0	1.9	7.6
S	1.1	1.6	1.6	.5	.1	.1	.0	.0	.0	.0	.0	5.0	7.2
SSW	.2	1.0	2.8	2.7	.4	.1	.0	.0	.0	.0	.0	7.2	10.6
SW	.3	1.7	1.7	1.8	.1	.0	.0	.0	.0	.0	.0	5.6	8.9
WSW	.5	1.8	3.6	2.3	.2	.1	.0	.0	.0	.0	.0	8.5	9.3
W	.3	3.0	4.2	5.3	1.2	.2	.0	.0	.0	.0	.0	14.1	10.6
WNW	.2	2.1	3.3	7.1	1.4	.2	.3	.0	.0	.0	.0	14.5	12.0
NW	.8	1.2	4.0	3.8	.7	.2	.0	.0	.0	.0	.0	10.7	10.5
NNW	.6	2.3	2.5	2.6	.8	.2	.0	.0	.0	.0	.0	9.0	9.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	.0
ALL	7.7	20.8	30.0	29.7	5.8	1.6	.4	.0	.0	.0	.0	100.0	9.4

TOTAL NO. OF OBS : 1004

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.4	1.5	2.3	.9	.3	.1	.0	.0	.0	.0	.0	6.5	7.8
NNE	1.1	1.3	.9	.4	.2	.4	.0	.0	.0	.0	.0	4.3	8.2
NE	.7	.3	.8	.4	.2	.2	.0	.0	.0	.0	.0	2.6	9.1
ENE	.8	.6	.7	.3	.0	.1	.0	.0	.0	.0	.0	2.5	6.2
E	.5	.7	.4	.1	.1	.0	.0	.0	.0	.0	.0	1.8	5.7
ESE	.6	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.4
SE	.6	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.2
SSE	.2	.7	.7	.3	.0	.0	.0	.0	.0	.0	.0	1.9	7.2
S	1.1	1.7	1.6	1.0	.1	.0	.0	.0	.0	.0	.0	5.5	7.1
SSW	.6	1.1	2.9	1.6	.5	.1	.0	.0	.0	.0	.0	6.8	9.5
SW	.4	1.1	1.7	1.7	.3	.0	.0	.0	.0	.0	.0	5.2	9.4
WSW	1.1	2.9	2.6	1.6	.1	.1	.0	.0	.0	.0	.0	8.4	7.6
W	1.1	4.2	5.7	4.1	.6	.1	.0	.0	.0	.0	.0	15.7	8.9
WNW	.8	2.6	4.4	4.0	1.0	.3	.0	.0	.0	.0	.0	13.0	10.5
NW	.7	1.8	3.4	3.9	.9	.1	.0	.0	.0	.0	.0	10.8	10.4
NNW	.8	1.6	2.6	1.1	.6	.2	.0	.0	.0	.0	.0	6.9	9.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	.0
ALL	12.5	23.7	31.1	21.3	4.9	1.7	.0	.0	.0	.0	.0	100.0	8.3

TOTAL NO. OF OBS : 1004

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 1900 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.0	2.1	1.5	.9	.2	.0	.0	.0	.0	.0	.0	5.7	7.3
NNE	.3	.6	.5	.7	.2	.3	.0	.0	.0	.0	.0	2.6	10.3
NE	.1	.2	.3	.1	.1	.2	.0	.0	.0	.0	.0	1.0	11.3
ENE	.4	.1	.6	.1	.1	.2	.0	.0	.0	.0	.0	1.5	9.2
E	.6	.8	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.1	5.8
ESE	.6	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.4	4.6
SE	.6	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.5	4.7
SSE	.5	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.8	5.3
S	1.3	1.6	1.1	1.1	.0	.1	.0	.0	.0	.0	.0	5.2	7.2
SSW	1.5	2.6	2.6	1.5	.0	.1	.0	.0	.0	.0	.0	8.4	7.3
SW	1.7	2.1	1.8	.8	.0	.0	.0	.0	.0	.0	.0	6.5	6.3
WSW	1.4	2.4	2.4	.4	.1	.1	.0	.0	.0	.0	.0	6.9	6.4
W	1.8	3.7	4.4	3.1	.9	.1	.0	.0	.0	.0	.0	14.1	8.4
WNW	.4	2.9	3.7	2.5	.0	.3	.0	.0	.0	.0	.0	9.9	8.9
NW	.3	2.2	2.1	3.4	.9	.2	.0	.0	.0	.0	.0	9.2	10.5
NNW	.9	.9	2.4	1.4	.3	.1	.0	.0	.0	.0	.0	6.0	9.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.1	.0
ALL	13.5	24.5	24.7	16.6	2.8	1.7	.0	.0	.0	.0	.0	100.0	6.7

TOTAL NO. OF OBS : 992

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JAN
CLASS : ALL WEATHER — HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.6	2.1	1.4	.9	.1	.2	.0	.0	.0	.0	.0	5.3	8.1
NNE	.2	.2	.5	.4	.1	.2	.0	.0	.0	.0	.0	1.7	10.9
NE	.3	.5	.3	.5	.2	.2	.0	.0	.0	.0	.0	2.1	11.0
ENE	.3	.2	.5	.2	.1	.0	.0	.0	.0	.0	.0	1.4	8.2
E	.3	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.4
ESE	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.9	5.8
SE	.2	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.5
SSE	.5	.6	.2	.2	.1	.0	.0	.0	.0	.0	.0	1.7	6.9
S	2.2	1.0	1.4	.5	.1	.0	.0	.0	.0	.0	.0	5.2	5.9
SSW	1.0	2.4	1.4	1.6	.1	.0	.0	.0	.0	.0	.0	6.4	7.5
SW	.8	2.7	2.5	.4	.1	.1	.0	.0	.0	.0	.0	6.7	7.0
WSW	1.2	2.6	2.3	.4	.1	.1	.0	.0	.0	.0	.0	6.8	6.7
W	3.1	3.5	4.6	2.7	.6	.0	.0	.0	.0	.0	.0	14.6	7.7
WNW	1.1	2.5	4.2	2.7	.4	.0	.0	.0	.0	.0	.0	10.9	8.6
NW	1.4	2.4	3.0	3.1	1.0	.3	.0	.0	.0	.0	.0	11.2	10.0
NNW	.7	2.3	2.5	1.1	.3	.0	.0	.0	.0	.0	.0	7.0	8.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.8	.0
ALL	14.3	24.5	25.8	15.0	3.4	1.1	.0	.0	.0	.0	.0	100.0	6.7

TOTAL NO. OF OBS : 962

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.0	1.9	2.4	1.1	.3	.1	.0	.0*	.0	.0	.0	6.6	8.1
NNE	.6	.8	.9	.6	.2	.3	.0*	.0	.0	.0	.0	3.3	9.6
NE	.3	.4	.6	.3	.2	.1	.0*	.0	.0	.0	.0	1.8	9.4
ENE	.4	.3	.4	.2	.1	.1	.0	.0	.0	.0	.0	1.4	8.2
E	.4	.5	.4	.2	.0*	.0*	.0*	.0	.0	.0	.0	1.6	6.9
ESE	.4	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.1	5.3
SE	.5	.4	.3	.1	.0*	.0*	.0	.0	.0	.0	.0	1.4	5.9
SSE	.4	.6	.5	.2	.1	.0*	.0	.0	.0	.0	.0	1.8	6.9
S	1.4	1.5	1.2	.6	.1	.1	.0	.0	.0	.0	.0	4.9	6.6
SSW	1.0	1.9	2.3	1.3	.3	.1	.0*	.0	.0	.0	.0	6.8	8.2
SW	.9	1.9	2.1	1.0	.2	.0*	.0	.0	.0	.0	.0	6.1	7.6
WSW	1.1	2.3	2.5	1.0	.1	.1	.0	.0	.0	.0	.0	7.1	7.4
W	1.6	3.5	4.4	3.1	.6	.1	.0	.0	.0	.0	.0	13.2	8.5
WNW	1.0	2.5	4.0	3.7	.7	.1	.0*	.0	.0	.0	.0	12.1	9.8
NW	1.0	2.5	3.4	3.3	.9	.2	.0	.0	.0	.0	.0	11.3	9.7
NNW	.8	1.9	2.7	1.8	.4	.1	.0	.0	.0	.0	.0	7.7	8.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.6	.0
ALL	12.5	23.5	28.1	18.8	4.1	1.2	.1	.0*	.0	.0	.0	100.0	7.5

TOTAL NO. OF OBS : 7610

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JAN
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.9	50.5	51.4	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
>=20000	20.9	52.2	53.2	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=18000	21.0	52.3	53.3	53.7	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
>=16000	21.0	52.3	53.3	53.7	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
>=14000	21.2	52.6	53.6	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
>=12000	21.9	54.0	55.1	55.4	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
>=10000	22.1	55.2	56.4	56.8	56.9	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
>= 9000	22.3	55.9	57.2	57.5	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
>= 8000	23.2	58.5	59.8	60.1	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>= 7000	23.6	59.9	61.1	61.5	61.6	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
>= 6000	23.8	61.0	62.3	62.7	62.8	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>= 5000	24.4	63.2	64.6	65.1	65.2	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9
>= 4500	24.6	64.9	66.4	67.0	67.2	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9
>= 4000	24.9	66.4	68.1	68.9	69.0	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8
>= 3500	25.1	68.3	70.0	70.7	71.0	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
>= 3000	26.0	71.0	73.0	73.7	74.1	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
>= 2500	27.0	73.5	75.4	76.2	76.5	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3
>= 2000	27.4	75.3	77.7	78.5	79.1	79.5	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0
>= 1800	27.4	75.7	78.3	79.1	79.8	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6
>= 1500	27.5	76.9	80.0	81.2	82.1	82.5	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.0	83.0	83.0
>= 1200	27.5	77.0	80.2	81.5	82.6	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5
>= 1000	27.5	77.3	80.6	82.3	83.8	84.2	84.7	84.7	84.7	85.1	85.1	85.1	85.2	85.2	85.2	85.2
>= 900	27.5	77.3	80.6	82.3	84.0	84.3	84.8	84.8	84.8	85.2	85.2	85.2	85.3	85.3	85.3	85.3
>= 800	27.5	77.7	81.2	83.1	84.8	85.3	86.0	86.4	86.4	86.8	86.9	86.9	87.2	87.2	87.3	87.3
>= 700	27.5	77.9	81.6	83.8	85.7	86.3	87.0	87.5	87.7	88.1	88.4	88.4	88.9	88.9	89.0	89.0
>= 600	27.5	77.9	81.6	84.1	86.2	86.9	87.9	88.5	88.8	89.3	89.5	89.5	90.0	90.0	90.1	90.1
>= 500	27.5	78.1	82.1	84.9	87.2	88.0	89.4	90.0	90.2	91.1	91.5	91.5	92.0	92.0	92.1	92.1
>= 400	27.5	78.4	82.3	85.4	88.0	88.9	90.4	91.2	91.5	92.5	93.0	93.0	93.7	93.7	94.0	94.0
>= 300	27.5	78.4	82.5	85.7	88.4	89.4	91.2	92.3	92.6	94.0	94.8	94.9	95.8	95.8	96.2	96.3
>= 200	27.5	78.4	82.5	85.7	88.4	89.4	91.4	92.5	92.8	94.4	95.3	95.4	96.3	96.5	97.0	97.3
>= 100	27.5	78.4	82.5	85.7	88.4	89.5	91.5	92.6	93.0	94.6	95.6	95.8	97.0	97.4	98.5	99.0
>= 0	27.5	78.4	82.5	85.7	88.4	89.5	91.5	92.6	93.0	94.6	95.6	95.8	97.0	97.4	98.6	100.0

TOTAL NO. OF OBS : 810

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JAN
CLASS : ALL WEATHER — HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.1	49.1	49.6	49.8	50.4	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0
>=20000	20.1	51.3	51.8	52.0	52.7	52.9	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4
>=18000	20.1	51.3	51.8	52.0	52.7	52.9	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4
>=16000	20.1	51.3	51.8	52.0	52.7	52.9	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4
>=14000	20.3	51.7	52.2	52.4	53.0	53.3	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.8	53.8	53.8
>=12000	21.2	52.9	53.5	53.8	54.4	54.6	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2
>=10000	21.7	55.2	55.9	56.1	56.7	57.0	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6
>= 9000	22.1	55.7	56.4	56.6	57.2	57.5	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1
>= 8000	22.8	58.1	58.8	59.1	59.7	60.0	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7
>= 7000	23.1	59.1	59.8	60.0	60.7	61.0	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.7	61.7	61.7
>= 6000	23.3	60.3	61.3	61.7	62.4	62.8	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4
>= 5000	23.9	63.4	64.4	64.7	65.5	65.8	66.0	66.3	66.3	66.3	66.6	66.6	66.6	66.7	66.7	66.7
>= 4500	24.4	64.5	65.6	66.0	66.7	67.1	67.2	67.6	67.6	67.6	67.8	67.8	67.8	67.9	67.9	67.9
>= 4000	24.5	65.8	67.0	67.3	68.3	68.7	68.8	69.2	69.2	69.2	69.4	69.4	69.4	69.5	69.5	69.5
>= 3500	24.7	67.1	68.2	68.8	69.8	70.2	70.3	70.7	70.7	70.7	70.9	70.9	70.9	71.0	71.0	71.0
>= 3000	25.3	70.0	71.1	72.0	73.1	73.5	73.6	74.0	74.0	74.0	74.2	74.2	74.2	74.4	74.4	74.4
>= 2500	25.9	72.3	73.4	74.5	75.7	76.2	76.4	76.8	76.8	76.8	77.1	77.1	77.1	77.2	77.2	77.2
>= 2000	26.6	74.6	75.8	77.2	78.7	79.3	79.5	79.9	79.9	79.9	80.1	80.1	80.1	80.3	80.3	80.3
>= 1800	26.6	74.8	76.2	77.6	79.0	79.7	79.9	80.3	80.3	80.3	80.5	80.5	80.5	80.6	80.6	80.6
>= 1500	26.8	76.4	78.1	79.4	81.0	81.6	82.0	82.5	82.5	82.5	82.7	82.7	82.7	82.9	82.9	82.9
>= 1200	26.9	77.1	78.8	80.3	81.9	82.5	83.0	83.5	83.5	83.5	83.7	83.7	83.7	83.8	83.8	83.8
>= 1000	26.9	77.9	79.9	81.6	83.6	84.2	85.2	85.7	85.7	85.9	86.2	86.2	86.3	86.4	86.4	86.4
>= 900	26.9	78.1	80.1	82.0	83.8	84.5	85.7	86.4	86.4	86.7	86.9	86.9	87.1	87.2	87.2	87.2
>= 800	26.9	78.4	80.5	82.5	84.5	85.1	86.4	87.2	87.2	87.5	87.8	87.8	87.9	88.0	88.0	88.0
>= 700	26.9	78.4	80.5	82.6	84.7	85.3	86.9	87.8	87.9	88.3	88.7	88.7	88.8	88.9	88.9	88.9
>= 600	26.9	78.8	81.1	83.5	85.7	86.3	88.2	89.1	89.4	89.9	90.3	90.3	90.4	90.5	90.6	90.6
>= 500	26.9	78.9	81.4	84.0	86.3	87.2	89.4	90.5	90.8	91.4	91.9	91.9	92.1	92.2	92.4	92.4
>= 400	26.9	79.0	81.5	84.5	86.9	87.8	90.5	91.6	92.0	92.6	93.3	93.3	93.8	94.1	94.2	94.2
>= 300	26.9	79.0	81.5	84.6	87.1	88.2	91.2	92.5	92.8	93.6	94.5	94.5	95.3	95.8	95.9	96.1
>= 200	26.9	79.0	81.6	84.7	87.4	88.5	91.6	93.0	93.5	94.3	95.4	95.4	96.4	96.9	97.4	97.8
>= 100	26.9	79.0	81.6	84.7	87.4	88.5	91.6	93.0	93.5	94.5	95.7	95.8	96.9	97.4	98.4	99.1
>= 0	26.9	79.0	81.6	84.7	87.4	88.5	91.6	93.0	93.5	94.5	95.7	95.8	96.9	97.4	98.4	100.0

TOTAL NO. OF OBS : 811

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JAN
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.6	45.4	46.8	47.6	48.1	48.3	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8
>=20000	21.8	47.4	48.8	49.6	50.2	50.4	50.7	50.8	50.8	50.8	50.8	50.8	50.9	50.9	51.0	51.0
>=18000	21.9	47.6	49.0	49.8	50.4	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.2	51.2
>=16000	22.1	47.8	49.2	50.1	50.6	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.4	51.4
>=14000	22.6	48.3	49.7	50.7	51.3	51.5	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.1	52.1
>=12000	23.5	49.6	51.1	52.0	52.6	52.9	53.2	53.3	53.4	53.4	53.4	53.4	53.5	53.5	53.6	53.6
>=10000	25.0	52.7	54.2	55.2	56.0	56.3	56.6	56.7	56.8	56.8	56.8	56.8	56.9	56.9	57.0	57.0
>= 9000	25.3	53.3	54.8	55.9	56.7	57.0	57.4	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.8	57.8
>= 8000	26.3	55.8	57.4	58.8	59.7	60.0	60.4	60.6	60.7	60.9	60.9	60.9	61.0	61.0	61.1	61.1
>= 7000	26.5	56.5	58.2	59.8	60.6	60.9	61.3	61.6	61.7	62.0	62.0	62.0	62.1	62.1	62.2	62.2
>= 6000	26.7	57.6	59.5	61.2	62.1	62.4	62.8	63.1	63.2	63.5	63.5	63.5	63.6	63.6	63.7	63.7
>= 5000	27.3	59.6	61.6	63.4	64.7	65.0	65.4	65.7	65.8	66.1	66.1	66.1	66.2	66.2	66.3	66.3
>= 4500	27.9	61.1	63.1	65.0	66.3	66.7	67.1	67.4	67.5	67.8	67.8	67.8	67.9	67.9	68.0	68.0
>= 4000	28.8	62.6	64.8	66.9	68.3	68.7	69.1	69.4	69.5	69.8	69.8	69.8	69.9	69.9	70.0	70.0
>= 3500	29.0	63.3	65.6	67.9	69.3	69.7	70.2	70.5	70.6	71.0	71.0	71.0	71.1	71.1	71.2	71.2
>= 3000	29.5	65.2	67.7	70.1	71.5	71.9	72.6	72.9	73.0	73.4	73.4	73.4	73.5	73.5	73.6	73.6
>= 2500	30.3	67.8	70.4	72.9	74.3	74.7	75.4	75.8	76.0	76.4	76.4	76.4	76.5	76.5	76.6	76.6
>= 2000	31.2	69.5	72.4	75.0	76.8	77.5	78.2	78.7	79.0	79.5	79.5	79.5	79.6	79.6	79.7	79.7
>= 1800	31.2	69.9	72.8	75.5	77.5	78.1	78.8	79.3	79.6	80.1	80.1	80.1	80.2	80.2	80.3	80.3
>= 1500	31.6	70.8	73.9	76.7	79.1	79.8	80.7	81.5	81.8	82.4	82.4	82.4	82.5	82.5	82.6	82.6
>= 1200	31.6	71.2	74.4	77.2	79.7	80.4	81.3	82.3	82.6	83.3	83.3	83.3	83.4	83.4	83.5	83.5
>= 1000	31.7	71.9	75.2	78.3	80.9	81.7	82.7	84.1	84.5	85.3	85.3	85.3	85.4	85.4	85.6	85.6
>= 900	31.9	72.1	75.4	78.5	81.1	82.0	83.0	84.4	84.8	85.8	85.8	85.8	85.9	85.9	86.1	86.1
>= 800	31.9	72.3	75.7	79.0	81.7	82.6	83.8	85.6	86.1	87.2	87.2	87.3	87.6	87.6	87.8	87.8
>= 700	31.9	72.3	75.7	79.1	81.9	82.9	84.1	86.1	86.8	87.8	87.8	87.9	88.3	88.3	88.5	88.5
>= 600	32.0	72.7	76.1	79.7	82.6	83.6	84.9	87.2	87.8	88.9	89.1	89.2	89.7	89.7	89.9	89.9
>= 500	32.0	72.8	76.3	80.1	83.4	84.5	86.1	88.5	89.2	90.5	90.9	91.0	91.6	91.6	91.9	91.9
>= 400	32.0	72.9	76.5	80.5	84.0	85.1	87.0	89.5	90.3	91.8	92.4	92.5	93.1	93.1	93.4	93.4
>= 300	32.0	72.9	76.8	80.8	84.4	85.6	87.8	90.6	91.6	93.4	94.2	94.4	95.4	95.4	95.9	95.9
>= 200	32.0	72.9	76.8	80.8	84.4	85.6	87.8	90.6	91.7	93.7	95.1	95.3	96.7	96.9	97.8	98.0
>= 100	32.0	72.9	76.8	80.8	84.4	85.6	87.8	90.6	91.7	93.7	95.1	95.3	96.9	97.2	98.4	99.0
>= 0	32.0	72.9	76.8	80.8	84.4	85.6	87.8	90.6	91.7	93.7	95.1	95.3	96.9	97.2	98.4	100.0

TOTAL NO. OF OBS : 989

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JAN
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.0	47.9	49.3	50.3	50.9	50.9	50.9	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
>=20000	25.1	50.7	52.2	53.3	53.9	53.9	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
>=18000	25.1	50.8	52.3	53.4	54.0	54.0	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
>=16000	25.1	50.8	52.3	53.4	54.0	54.0	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
>=14000	25.3	51.2	52.7	53.8	54.4	54.4	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
>=12000	25.7	52.7	54.3	55.4	56.0	56.0	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
>=10000	27.1	56.6	58.5	59.7	60.4	60.6	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
>= 9000	27.2	57.5	59.3	60.5	61.2	61.4	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
>= 8000	27.7	59.4	61.3	62.6	63.5	63.7	63.7	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>= 7000	28.3	60.6	62.5	64.0	64.9	65.1	65.1	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
>= 6000	28.4	61.2	63.1	64.6	65.5	65.7	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
>= 5000	28.9	63.0	65.4	66.8	68.0	68.5	68.7	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
>= 4500	29.2	63.7	66.0	67.5	68.8	69.3	69.5	69.8	69.8	69.9	69.9	70.1	70.1	70.1	70.1	70.1
>= 4000	30.3	65.6	67.9	69.7	71.1	71.6	71.9	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4
>= 3500	30.5	66.3	68.7	70.7	72.0	72.6	72.9	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4
>= 3000	31.1	67.6	70.2	72.3	73.6	74.6	75.0	75.3	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6
>= 2500	31.4	69.0	71.8	73.9	75.3	76.4	77.0	77.4	77.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8
>= 2000	31.7	70.1	73.2	75.3	77.0	78.3	78.9	79.3	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8
>= 1800	31.7	70.2	73.4	75.5	77.2	78.5	79.1	79.5	79.6	79.9	79.9	80.0	80.0	80.0	80.0	80.0
>= 1500	32.1	71.0	74.3	76.8	78.9	80.2	80.9	81.7	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.3
>= 1200	32.2	71.4	74.7	77.2	79.3	80.8	81.5	82.5	82.7	83.0	83.0	83.1	83.2	83.2	83.2	83.2
>= 1000	32.2	72.3	75.6	78.3	80.7	82.2	83.2	84.5	84.8	85.4	85.6	85.8	86.0	86.0	86.0	86.0
>= 900	32.2	72.4	75.9	78.7	81.2	82.7	83.8	85.0	85.3	85.9	86.1	86.3	86.5	86.5	86.5	86.5
>= 800	32.2	72.5	76.0	79.0	81.5	83.1	84.2	85.7	86.3	87.1	87.6	87.8	88.4	88.4	88.4	88.4
>= 700	32.2	72.9	76.4	79.5	82.2	83.9	85.0	86.5	87.2	88.0	88.5	88.7	89.5	89.5	89.5	89.5
>= 600	32.2	73.0	76.6	79.7	82.6	84.4	85.6	87.7	88.4	89.2	89.8	90.1	90.9	90.9	90.9	90.9
>= 500	32.2	73.2	77.0	80.1	83.2	85.1	86.7	89.4	90.3	91.4	92.1	92.6	93.4	93.4	93.4	93.4
>= 400	32.2	73.2	77.0	80.1	83.5	85.3	87.0	89.8	90.8	92.2	93.2	93.7	94.7	94.7	94.7	94.7
>= 300	32.2	73.2	77.1	80.2	83.6	85.4	87.2	90.5	91.6	93.4	94.9	95.4	96.6	96.6	96.9	96.9
>= 200	32.2	73.2	77.1	80.2	83.6	85.4	87.2	90.6	91.7	93.6	95.1	95.6	97.3	97.5	97.8	98.1
>= 100	32.2	73.2	77.1	80.2	83.6	85.4	87.2	90.6	91.7	93.6	95.1	95.6	97.5	98.2	98.8	99.7
>= 0	32.2	73.2	77.1	80.2	83.6	85.4	87.2	90.6	91.7	93.6	95.1	95.6	97.5	98.2	98.9	100.0

TOTAL NO. OF OBS : 985

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JAN
CLASS : ALL WEATHER — HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	27.2	49.9	50.5	50.6	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
>=20000	27.9	52.7	53.4	53.5	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
>=18000	28.0	52.9	53.7	53.8	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
>=16000	28.0	52.9	53.7	53.8	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
>=14000	28.4	53.5	54.3	54.4	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
>=12000	29.3	55.1	55.9	56.1	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>=10000	30.8	58.2	59.2	59.5	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
>= 9000	31.2	58.9	59.9	60.2	60.7	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>= 8000	32.6	61.7	62.9	63.3	63.9	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
>= 7000	33.0	63.0	64.2	64.6	65.2	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
>= 6000	33.0	63.6	65.0	65.5	66.1	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
>= 5000	33.4	65.0	66.4	67.1	67.8	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>= 4500	33.8	66.2	67.8	68.6	69.2	69.4	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
>= 4000	34.1	67.7	69.3	70.2	70.9	71.1	71.2	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
>= 3500	34.5	69.0	70.6	71.6	72.3	72.6	72.7	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2
>= 3000	35.1	71.4	73.2	74.4	75.2	75.4	75.6	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1
>= 2500	35.6	72.9	74.9	76.2	77.0	77.2	77.7	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2
>= 2000	35.9	74.5	76.7	78.4	79.5	79.7	80.2	80.6	80.6	81.0	81.1	81.1	81.1	81.1	81.1	81.1
>= 1800	36.0	74.9	77.1	78.8	79.9	80.1	80.6	81.0	81.0	81.4	81.5	81.5	81.5	81.5	81.5	81.5
>= 1500	36.5	76.2	78.9	80.5	81.8	82.0	82.8	83.6	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3
>= 1200	36.6	76.8	79.3	81.2	82.8	83.1	83.8	84.8	84.8	85.3	85.8	85.8	85.8	85.8	85.8	85.8
>= 1000	36.6	76.9	79.7	81.6	83.6	84.0	84.7	85.8	86.0	86.6	87.2	87.3	87.3	87.3	87.3	87.3
>= 900	36.7	77.1	79.9	81.8	83.9	84.4	85.1	86.4	86.6	87.4	88.2	88.3	88.3	88.3	88.3	88.3
>= 800	36.7	77.2	80.0	82.1	84.3	84.8	85.8	87.3	87.7	88.6	89.5	89.6	89.7	89.8	89.8	89.8
>= 700	36.7	77.3	80.1	82.2	84.4	85.1	86.1	88.0	88.3	89.2	90.4	90.5	90.7	90.8	90.8	90.8
>= 600	36.7	77.4	80.2	82.3	84.5	85.2	86.2	88.3	88.7	89.7	90.9	91.0	91.3	91.4	91.4	91.4
>= 500	36.7	77.4	80.2	82.6	84.7	85.5	86.7	89.2	89.7	90.9	92.4	92.6	92.9	93.0	93.0	93.0
>= 400	36.7	77.4	80.2	82.7	85.2	86.1	87.6	90.6	91.2	92.9	94.7	94.8	95.1	95.2	95.2	95.2
>= 300	36.7	77.4	80.2	82.7	85.2	86.1	87.8	91.2	91.8	94.1	96.2	96.3	96.8	96.9	96.9	96.9
>= 200	36.7	77.4	80.2	82.7	85.2	86.1	87.8	91.3	91.9	94.3	96.7	96.9	97.8	98.1	98.3	98.6
>= 100	36.7	77.4	80.2	82.7	85.2	86.1	87.8	91.3	92.0	94.5	96.9	97.2	98.1	98.4	99.0	99.7
>= 0	36.7	77.4	80.2	82.7	85.2	86.1	87.8	91.3	92.0	94.5	96.9	97.2	98.1	98.4	99.0	100.0

TOTAL NO. OF OBS : 980

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JAN
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	28.6	50.1	50.4	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
>=20000	29.1	52.9	53.2	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
>=18000	29.3	53.1	53.4	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
>=16000	29.4	53.3	53.6	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
>=14000	30.0	54.2	54.6	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
>=12000	30.8	55.3	55.6	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
>=10000	32.4	58.9	59.4	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
>= 9000	32.9	59.7	60.4	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
>= 8000	34.0	63.1	64.0	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
>= 7000	34.5	64.3	65.3	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>= 6000	34.7	65.0	66.1	66.8	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>= 5000	35.2	66.5	67.7	68.4	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
>= 4500	35.5	67.6	68.7	69.5	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
>= 4000	36.1	69.0	70.1	70.9	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
>= 3500	36.5	70.5	71.6	72.6	73.1	73.1	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
>= 3000	37.3	72.9	74.2	75.2	75.7	75.7	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>= 2500	37.7	74.4	76.0	77.3	77.9	78.0	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>= 2000	38.2	75.7	77.6	79.0	79.8	80.1	80.3	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
>= 1800	38.2	75.9	77.8	79.2	80.0	80.3	80.7	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>= 1500	38.2	77.0	79.0	80.5	81.8	82.1	82.5	83.2	83.2	83.5	83.5	83.5	83.5	83.6	83.6	83.6
>= 1200	38.4	77.7	80.0	81.5	83.0	83.3	83.9	84.7	84.9	85.2	85.4	85.4	85.4	85.5	85.5	85.5
>= 1000	38.4	78.3	80.8	82.2	83.8	84.2	85.1	86.3	86.5	87.0	87.3	87.3	87.3	87.4	87.4	87.4
>= 900	38.4	78.5	81.0	82.5	84.2	84.6	85.5	86.8	87.0	87.5	87.8	87.8	87.8	87.9	87.9	87.9
>= 800	38.4	78.6	81.1	82.9	85.0	85.4	86.3	87.7	88.0	88.8	89.2	89.2	89.4	89.5	89.6	89.6
>= 700	38.4	78.6	81.1	83.1	85.4	85.8	86.9	88.5	88.9	89.8	90.3	90.3	90.6	90.7	90.8	90.8
>= 600	38.4	78.8	81.3	83.4	85.9	86.3	87.4	89.4	89.8	90.7	91.2	91.2	91.5	91.6	91.7	91.7
>= 500	38.4	78.8	81.6	83.7	86.4	87.0	88.5	90.9	91.4	92.7	93.4	93.4	93.8	94.0	94.1	94.1
>= 400	38.4	78.8	81.7	83.8	86.6	87.2	88.8	91.4	92.4	93.9	94.8	94.8	95.3	95.5	95.6	95.6
>= 300	38.4	78.8	81.7	83.8	86.6	87.3	89.0	91.7	92.8	94.6	95.6	95.8	96.5	96.8	97.0	97.0
>= 200	38.4	78.8	81.7	83.8	86.6	87.3	89.3	91.9	93.0	95.2	96.3	96.8	97.6	98.2	98.4	98.6
>= 100	38.4	78.8	81.7	83.8	86.6	87.3	89.3	91.9	93.0	95.3	96.4	96.9	97.7	98.3	98.8	99.6
>= 0	38.4	78.8	81.7	83.8	86.6	87.3	89.3	91.9	93.0	95.3	96.4	97.0	97.9	98.4	98.9	100.0

TOTAL NO. OF OBS : 977

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JAN
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	29.2	55.2	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.7
>=20000	29.4	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.8
>=18000	29.4	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.8
>=16000	29.4	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.8
>=14000	29.5	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.2
>=12000	30.4	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	59.0
>=10000	31.1	60.8	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.4
>= 9000	31.8	61.7	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.3
>= 8000	32.8	64.6	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.6
>= 7000	32.9	65.2	65.8	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.4
>= 6000	33.3	66.8	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	68.0
>= 5000	33.9	68.8	69.6	69.7	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.2
>= 4500	34.2	70.2	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.6
>= 4000	34.9	71.9	72.8	73.0	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.6
>= 3500	35.0	73.3	74.3	74.5	74.8	74.8	74.8	74.8	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.2
>= 3000	35.4	74.6	75.8	76.0	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.6	76.6	76.6	76.6	76.7
>= 2500	35.8	76.1	77.6	78.0	78.5	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.9
>= 2000	36.2	78.4	80.1	80.6	81.5	81.5	81.8	81.9	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.3
>= 1800	36.3	78.5	80.3	81.1	81.9	81.9	82.2	82.3	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.7
>= 1500	36.6	79.4	81.3	82.2	83.2	83.2	83.5	83.9	83.9	84.1	84.1	84.2	84.3	84.3	84.3	84.4
>= 1200	36.6	79.7	81.6	82.6	83.7	83.9	84.4	84.8	84.8	85.1	85.2	85.3	85.4	85.4	85.4	85.5
>= 1000	36.6	80.0	82.1	83.2	84.7	84.8	85.6	86.0	86.0	86.4	86.6	86.7	86.9	86.9	86.9	87.0
>= 900	36.6	80.3	82.4	83.5	85.0	85.1	86.0	86.4	86.4	86.9	87.1	87.2	87.3	87.3	87.3	87.4
>= 800	36.6	80.6	82.7	84.1	85.7	85.8	86.9	87.5	87.7	88.2	88.5	88.6	88.7	88.7	88.7	88.8
>= 700	36.6	81.0	83.1	84.7	86.4	86.5	87.9	88.5	88.8	89.4	89.8	89.9	90.0	90.0	90.0	90.1
>= 600	36.6	81.1	83.3	85.3	87.1	87.3	88.6	89.4	89.8	90.4	90.7	90.8	91.0	91.0	91.0	91.1
>= 500	36.6	81.1	83.3	85.5	87.9	88.2	89.6	90.8	91.1	91.9	92.4	92.7	92.9	92.9	92.9	93.0
>= 400	36.6	81.2	83.4	85.7	88.5	88.9	90.7	92.0	92.3	93.4	94.0	94.2	94.5	94.5	94.5	94.6
>= 300	36.6	81.3	83.5	85.9	89.0	89.4	91.6	93.4	93.8	95.0	95.8	96.1	96.7	96.7	96.7	96.8
>= 200	36.6	81.3	83.5	85.9	89.0	89.4	91.8	93.7	94.2	95.5	97.0	97.3	97.9	97.9	98.0	98.4
>= 100	36.6	81.3	83.5	85.9	89.0	89.4	91.8	93.7	94.2	95.5	97.1	97.4	98.1	98.2	98.3	99.3
>= 0	36.6	81.3	83.5	85.9	89.0	89.4	91.8	93.7	94.2	95.5	97.1	97.4	98.1	98.2	98.6	100.0

TOTAL NO. OF OBS : 966

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JAN
CLASS : ALL WEATHER — HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.2	53.9	54.2	54.4	54.7	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
>=20000	25.3	55.2	55.5	55.8	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>=18000	25.3	55.2	55.5	55.8	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>=16000	25.3	55.3	55.6	55.9	56.3	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
>=14000	25.6	55.8	56.1	56.3	56.7	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
>=12000	26.3	57.2	57.6	57.8	58.3	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
>=10000	27.5	59.9	60.2	60.4	60.9	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
>= 9000	27.7	60.1	60.4	60.6	61.1	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>= 8000	28.6	62.9	63.4	63.6	64.3	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
>= 7000	28.9	63.8	64.2	64.4	65.2	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
>= 6000	29.0	64.5	65.2	65.4	66.1	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
>= 5000	29.7	66.4	67.1	67.3	68.0	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>= 4500	29.7	67.6	68.3	68.6	69.4	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
>= 4000	30.4	69.8	70.6	71.0	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
>= 3500	30.8	71.3	72.2	72.5	73.3	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 3000	31.3	73.3	74.3	74.7	75.4	75.5	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>= 2500	32.3	76.0	77.5	77.9	78.7	78.8	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
>= 2000	32.5	77.2	78.9	79.5	80.5	80.7	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>= 1800	32.7	77.5	79.2	79.8	80.8	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>= 1500	33.1	79.2	80.9	81.7	82.9	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8
>= 1200	33.1	79.4	81.1	82.3	83.5	83.7	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6
>= 1000	33.1	80.0	81.8	83.0	84.4	84.6	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7
>= 900	33.2	80.4	82.2	83.4	84.8	85.0	85.6	86.3	86.3	86.3	86.3	86.3	86.4	86.5	86.5	86.5
>= 800	33.2	80.8	82.8	84.6	86.3	86.5	87.2	88.1	88.1	88.1	88.3	88.3	88.4	88.5	88.5	88.5
>= 700	33.2	81.1	83.1	85.1	86.9	87.1	88.1	89.1	89.1	89.1	89.3	89.4	89.5	89.7	89.7	89.7
>= 600	33.2	81.2	83.5	85.6	87.6	87.9	89.2	90.5	90.5	90.5	90.7	90.8	91.0	91.1	91.1	91.1
>= 500	33.2	81.4	83.7	86.0	88.5	89.1	90.9	92.3	92.4	92.4	92.6	92.7	93.1	93.2	93.2	93.2
>= 400	33.2	81.4	83.9	86.2	88.8	89.5	91.6	92.9	93.1	93.3	94.2	94.3	94.9	95.0	95.0	95.0
>= 300	33.2	81.5	84.2	86.4	89.1	89.9	92.0	93.9	94.2	94.5	95.4	95.7	96.6	96.7	96.8	96.8
>= 200	33.2	81.5	84.2	86.5	89.3	90.1	92.4	94.4	94.7	95.2	96.3	96.6	97.7	97.9	98.1	98.2
>= 100	33.2	81.5	84.2	86.5	89.3	90.1	92.4	94.5	94.8	95.4	96.5	96.8	98.0	98.2	98.8	99.3
>= 0	33.2	81.5	84.2	86.5	89.3	90.1	92.4	94.5	94.8	95.4	96.5	96.9	98.1	98.4	99.0	100.0

TOTAL NO. OF OBS : 947

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JAN
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.9	50.2	50.9	51.3	51.6	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9
>=20000	25.1	52.3	53.1	53.5	53.9	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
>=18000	25.2	52.4	53.2	53.6	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3
>=16000	25.2	52.5	53.3	53.7	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
>=14000	25.6	53.0	53.8	54.2	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9
>=12000	26.3	54.4	55.2	55.7	56.1	56.2	56.2	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4
>=10000	27.4	57.2	58.2	58.7	59.1	59.2	59.3	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
>= 9000	27.8	57.9	58.8	59.4	59.8	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3
>= 8000	28.7	60.6	61.7	62.3	62.8	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3
>= 7000	29.1	61.6	62.7	63.4	63.9	64.1	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.5
>= 6000	29.3	62.6	63.8	64.5	65.1	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
>= 5000	29.8	64.5	65.9	66.6	67.3	67.5	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.1
>= 4500	30.1	65.7	67.1	68.0	68.7	68.9	69.1	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.5	69.5
>= 4000	30.8	67.4	68.9	69.8	70.6	70.8	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.4	71.4	71.4
>= 3500	31.0	68.6	70.2	71.2	72.0	72.3	72.4	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9
>= 3000	31.6	70.7	72.4	73.6	74.4	74.7	74.9	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.5
>= 2500	32.2	72.7	74.6	75.9	76.8	77.1	77.4	77.7	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0
>= 2000	32.7	74.3	76.5	77.9	79.1	79.6	80.0	80.3	80.3	80.5	80.6	80.6	80.6	80.6	80.7	80.7
>= 1800	32.8	74.6	76.9	78.3	79.5	79.9	80.4	80.7	80.7	80.9	81.0	81.0	81.0	81.0	81.1	81.1
>= 1500	33.0	75.8	78.2	79.8	81.3	81.8	82.3	82.9	82.9	83.2	83.2	83.3	83.3	83.3	83.4	83.4
>= 1200	33.1	76.2	78.7	80.4	82.0	82.6	83.1	83.8	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.5
>= 1000	33.1	76.8	79.4	81.3	83.1	83.7	84.5	85.3	85.5	85.9	86.1	86.2	86.3	86.3	86.3	86.4
>= 900	33.2	77.0	79.6	81.6	83.5	84.1	84.9	85.8	86.0	86.5	86.7	86.8	86.8	86.9	86.9	86.9
>= 800	33.2	77.2	79.9	82.1	84.2	84.8	85.8	86.9	87.2	87.8	88.1	88.2	88.4	88.5	88.5	88.6
>= 700	33.2	77.4	80.1	82.5	84.7	85.3	86.5	87.8	88.1	88.7	89.2	89.2	89.6	89.6	89.7	89.7
>= 600	33.2	77.5	80.4	82.9	85.2	85.9	87.2	88.7	89.1	89.8	90.3	90.4	90.7	90.8	90.9	90.9
>= 500	33.2	77.7	80.6	83.3	85.9	86.8	88.4	90.2	90.6	91.5	92.2	92.3	92.7	92.8	92.9	92.9
>= 400	33.2	77.7	80.8	83.5	86.4	87.3	89.1	91.1	91.7	92.8	93.7	93.9	94.4	94.5	94.6	94.6
>= 300	33.2	77.7	80.9	83.7	86.6	87.6	89.6	92.0	92.6	94.1	95.2	95.4	96.3	96.4	96.6	96.6
>= 200	33.2	77.7	80.9	83.7	86.7	87.7	89.8	92.2	92.9	94.5	95.9	96.2	97.2	97.5	97.9	98.1
>= 100	33.2	77.7	80.9	83.7	86.7	87.7	89.8	92.2	93.0	94.6	96.1	96.4	97.5	97.9	98.6	99.3
>= 0	33.2	77.7	80.9	83.7	86.7	87.7	89.8	92.2	93.0	94.6	96.1	96.4	97.6	98.0	98.7	100.0

TOTAL NO. OF OBS : 7465

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.8	3.3	2.5	1.2	.1	.0	.0	.0	.0	.0	.0	7.9	7.3
NNE	.3	.5	.5	1.2	.1	.3	.0	.0	.0	.0	.0	2.9	11.0
NE	.3	.5	.0	.7	.4	.1	.0	.0	.0	.0	.0	2.0	11.5
ENE	1.2	.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	2.1	5.3
E	.4	.8	.1	.3	.3	.0	.0	.0	.0	.0	.0	1.8	7.6
ESE	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.9
SE	.4	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	1.2	8.3
SSE	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.0
S	2.1	2.5	.9	1.6	.1	.0	.0	.0	.0	.0	.0	7.2	6.5
SSW	.4	2.4	1.4	1.3	.0	.0	.0	.0	.0	.0	.0	5.5	7.8
SW	1.3	.9	1.3	.9	.0	.0	.0	.0	.0	.0	.0	4.5	6.9
WSW	.9	2.4	2.2	.8	.0	.0	.0	.0	.0	.0	.0	6.3	6.8
W	1.1	3.9	6.0	1.3	.1	.0	.0	.0	.0	.0	.0	12.5	7.6
WNW	2.0	2.5	2.6	2.6	.1	.0	.0	.0	.0	.0	.0	9.9	7.8
NW	1.4	3.2	2.9	2.2	.3	.1	.0	.0	.0	.0	.0	10.1	8.2
NNW	1.1	2.4	1.7	1.6	.5	.0	.0	.0	.0	.0	.0	7.2	8.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	.0
ALL	14.8	26.5	23.0	16.3	2.1	.5	.0	.0	.0	.0	.0	100.0	6.3

TOTAL NO. OF OBS : 761

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.3	2.5	2.6	.9	.0	.1	.0	.0	.0	.0	.0	7.5	7.0
NNE	.5	.8	.9	.7	.3	.1	.0	.0	.0	.0	.0	3.3	9.3
NE	.5	1.2	.7	.9	.1	.0	.1	.0	.0	.0	.0	3.6	8.9
ENE	.5	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.4	6.2
E	.3	.7	.3	.3	.0	.1	.0	.0	.0	.0	.0	1.6	7.7
ESE	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.1
SE	.4	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.3	4.9
SSE	.4	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.2	4.9
S	1.7	1.6	1.1	.4	.1	.0	.0	.0	.0	.0	.0	4.9	5.9
SSW	1.3	1.4	2.1	.7	.1	.0	.0	.0	.0	.0	.0	5.7	7.3
SW	.7	2.1	2.2	1.4	.0	.0	.0	.0	.0	.0	.0	6.5	7.6
WSW	.9	1.4	1.2	.4	.1	.0	.0	.0	.0	.0	.0	4.1	7.0
W	2.1	4.3	4.6	1.6	.0	.0	.0	.0	.0	.0	.0	12.6	6.8
WNW	1.7	2.6	3.3	2.0	.1	.0	.0	.0	.0	.0	.0	9.7	7.8
NW	1.6	2.8	3.6	1.4	.7	.0	.0	.0	.0	.0	.0	10.0	8.0
NNW	1.6	2.6	2.4	1.4	.3	.0	.0	.0	.0	.0	.0	8.3	7.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.3	.0
ALL	15.8	26.2	25.7	12.6	1.8	.4	.1	.0	.0	.0	.0	100.0	6.0

TOTAL NO. OF OBS : 759

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : FEB
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.8	2.3	2.6	1.8	.1	.0	.0	.0	.0	.0	.0	7.5	8.2
NNE	.2	1.0	1.1	.9	.3	.1	.0	.0	.0	.0	.0	3.5	9.9
NE	.4	.9	.4	.5	.2	.1	.0	.0	.0	.0	.0	2.6	9.0
ENE	.3	.6	.3	.3	.2	.2	.0	.0	.0	.0	.0	2.0	10.2
E	1.0	.2	.4	.4	.0	.0	.0	.0	.0	.0	.0	2.0	6.1
ESE	.4	.5	.5	.0	.1	.0	.0	.0	.0	.0	.0	1.6	6.3
SE	.3	.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.3	5.4
SSE	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	1.7	7.5
S	1.7	2.3	1.0	.8	.1	.0	.0	.0	.0	.0	.0	5.8	5.9
SSW	1.0	1.7	1.6	.5	.4	.0	.0	.0	.0	.0	.0	5.3	7.4
SW	.5	1.9	1.8	1.0	.0	.0	.0	.0	.0	.0	.0	5.3	7.4
WSW	1.5	2.0	2.5	.6	.1	.0	.0	.0	.0	.0	.0	6.8	6.6
W	2.0	4.8	3.4	1.9	.3	.0	.0	.0	.0	.0	.0	12.6	7.0
WNW	1.2	2.6	2.6	2.2	.4	.0	.0	.0	.0	.0	.0	8.9	8.4
NW	1.5	2.8	2.5	2.4	.1	.0	.0	.0	.0	.0	.0	9.2	7.6
NNW	1.9	2.4	2.0	1.7	.3	.0	.0	.0	.0	.0	.0	8.4	7.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.4	.0
ALL	15.3	27.2	23.3	15.6	2.8	.4	.0	.0	.0	.0	.0	100.0	6.4

TOTAL NO. OF OBS : 930

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.3	2.5	2.5	2.1	.3	.1	.0	.0	.0	.0	.0	8.8	8.4
NNE	.6	1.2	1.8	1.5	.2	.2	.0	.0	.0	.0	.0	5.6	9.4
NE	.2	.8	1.2	1.0	.3	.0	.0	.0	.0	.0	.0	3.4	9.8
ENE	.2	.5	.5	.9	.1	.2	.0	.0	.0	.0	.0	2.5	10.8
E	.3	.8	.3	.6	.0	.0	.0	.0	.0	.0	.0	2.0	7.8
ESE	.2	.9	.9	.0	.0	.1	.0	.0	.0	.0	.0	2.0	6.7
SE	.4	.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.4
SSE	.8	1.0	.6	.3	.1	.0	.0	.0	.0	.0	.0	2.8	6.6
S	1.2	1.7	2.5	.3	.3	.0	.0	.0	.0	.0	.0	6.0	7.0
SSW	.5	1.2	1.9	1.2	.4	.0	.0	.0	.0	.0	.0	5.3	9.1
SW	.3	.9	2.4	1.8	.1	.1	.0	.0	.0	.0	.0	5.6	9.8
WSW	.1	1.2	1.5	1.8	.3	.0	.0	.0	.0	.0	.0	4.9	10.0
W	1.2	2.3	3.8	4.2	.9	.1	.0	.0	.0	.0	.0	12.4	9.8
WNW	.9	2.4	4.5	4.4	1.4	.1	.1	.0	.0	.0	.0	13.7	10.4
NW	.8	1.6	3.3	4.7	.6	.2	.0	.0	.0	.0	.0	11.3	10.6
NNW	.3	2.1	2.5	2.4	.5	.1	.0	.0	.0	.0	.0	7.9	9.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	.0
ALL	9.3	21.6	30.7	27.3	5.7	1.3	.1	.0	.0	.0	.0	100.0	9.0

TOTAL NO. OF OBS : 931

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	1.6	3.3	2.0	.5	.1	.0	.0	.0	.0	.0	8.8	8.8
NNE	.8	1.6	1.8	2.0	.2	.0	.0	.0	.0	.0	.0	6.4	9.1
NE	.2	.4	1.1	1.2	.8	.3	.0	.0	.0	.0	.0	4.0	12.6
ENE	.1	.5	.9	.5	.1	.0	.0	.0	.0	.0	.0	2.1	8.9
E	.3	1.3	1.0	.3	.0	.0	.0	.0	.0	.0	.0	2.9	6.9
ESE	.3	.4	1.2	.2	.0	.0	.0	.0	.0	.0	.0	2.1	7.3
SE	.3	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.4
SSE	.0	1.2	.6	.4	.0	.0	.0	.0	.0	.0	.0	2.3	7.7
S	.2	1.3	1.7	1.6	.3	.1	.0	.0	.0	.0	.0	5.3	10.2
SSW	.8	.9	1.8	1.5	.3	.1	.0	.0	.0	.0	.0	5.4	9.7
SW	.3	1.2	2.0	1.6	.3	.1	.0	.0	.0	.0	.0	5.6	9.7
WSW	.3	1.1	2.1	2.4	.5	.1	.0	.0	.0	.0	.0	6.6	10.4
W	1.0	1.7	5.5	5.7	1.0	.2	.1	.0	.0	.0	.0	15.1	10.8
WNW	.2	1.4	4.1	4.5	2.0	.3	.1	.0	.0	.0	.0	12.7	12.1
NW	.6	1.7	2.5	2.9	1.3	.2	.0	.0	.0	.0	.0	9.2	10.8
NNW	.4	1.1	1.9	2.7	.5	.0	.1	.0	.0	.0	.0	6.8	10.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	.0
ALL	7.1	18.3	31.7	29.6	7.9	1.6	.3	.0	.0	.0	.0	100.0	9.8

TOTAL NO. OF OBS : 931

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.9	2.3	1.7	1.2	.3	.1	.0	.0	.0	.0	.0	6.5	8.2
NNE	.4	1.6	2.6	1.1	.4	.1	.0	.0	.0	.0	.0	6.2	8.9
NE	.8	1.0	1.1	1.1	.5	.1	.1	.0	.0	.0	.0	4.6	9.9
ENE	.2	1.4	1.2	.4	.0	.0	.0	.0	.0	.0	.0	3.2	6.9
E	.5	1.9	1.0	.3	.0	.0	.0	.0	.0	.0	.0	3.8	6.4
ESE	.1	.9	1.0	.3	.0	.0	.0	.0	.0	.0	.0	2.3	7.3
SE	.4	.4	.9	.1	.0	.0	.1	.0	.0	.0	.0	1.9	7.3
SSE	.1	.8	.4	.2	.0	.0	.0	.0	.0	.0	.0	1.5	7.1
S	.9	2.2	1.4	1.4	.3	.0	.0	.0	.0	.0	.0	6.1	8.1
SSW	.4	2.3	2.4	1.5	.6	.2	.0	.0	.0	.0	.0	7.4	9.4
SW	.3	1.2	2.0	.8	.1	.0	.0	.0	.0	.0	.0	4.4	8.4
WSW	.6	1.8	2.2	1.9	.3	.0	.1	.0	.0	.0	.0	7.0	9.5
W	1.0	3.3	6.1	4.6	1.3	.0	.0	.0	.0	.0	.0	16.3	9.7
WNW	.3	1.4	3.1	5.6	1.4	.2	.3	.0	.0	.0	.0	12.4	12.3
NW	.8	1.0	2.9	2.6	.9	.1	.0	.0	.0	.0	.0	8.2	10.4
NNW	.3	.4	1.0	2.4	.6	.1	.0	.0	.0	.0	.0	4.8	12.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	.0
ALL	8.1	23.8	30.9	25.5	6.9	1.0	.6	.0	.0	.0	.0	100.0	9.2

TOTAL NO. OF OBS : 930

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

Q14790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : FEB
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.6	1.6	1.4	1.2	.2	.1	.0	.0	.0	.0	.0	6.1	7.6
NNE	.3	1.1	1.1	.9	.1	.1	.1	.0	.0	.0	.0	3.8	9.7
NE	.7	1.0	.9	.6	.2	.1	.0	.1	.0	.0	.0	3.6	8.9
ENE	.2	.7	.2	.8	.1	.0	.0	.0	.0	.0	.0	2.0	8.8
E	1.0	.3	.1	.4	.0	.0	.0	.0	.0	.0	.0	1.9	5.7
ESE	1.1	.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.2	5.0
SE	.6	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.5
SSE	1.3	.8	.6	.1	.0	.1	.0	.0	.0	.0	.0	2.9	5.7
S	2.0	3.2	2.3	.6	.2	.0	.0	.0	.0	.0	.0	8.3	6.0
SSW	.9	2.8	2.8	1.0	.2	.1	.0	.0	.0	.0	.0	7.8	7.6
SW	.9	1.8	1.1	.7	.0	.0	.0	.0	.0	.0	.0	4.4	6.7
WSW	1.1	1.4	1.2	.7	.1	.0	.0	.0	.0	.0	.0	4.6	6.9
W	2.2	3.6	4.1	3.0	.3	.0	.0	.0	.0	.0	.0	13.2	8.0
WNW	.7	1.8	3.6	2.4	1.0	.0	.0	.0	.0	.0	.0	9.4	9.9
NW	.8	1.2	3.0	2.6	1.0	.0	.0	.0	.0	.0	.0	8.5	10.4
NNW	.4	.8	2.1	1.3	.3	.0	.0	.0	.0	.0	.0	5.0	9.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.4	.0
ALL	15.8	23.4	25.3	16.4	3.9	.6	.1	.1	.0	.0	.0	100.0	6.8

TOTAL NO. OF OBS : 901

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.3	2.4	2.1	1.5	.2	.0	.0	.0	.0	.0	.0	7.5	7.5
NNE	.6	1.0	1.0	.7	.0	.0	.0	.0	.0	.0	.0	3.3	7.5
NE	.7	.5	.7	.7	.3	.2	.1	.0	.0	.0	.0	3.2	11.1
ENE	.3	.5	.3	.2	.3	.0	.0	.0	.0	.0	.0	1.7	9.1
E	.2	.2	.6	.3	.0	.0	.0	.0	.0	.0	.0	1.4	8.3
ESE	.3	.2	.5	.1	.1	.0	.0	.0	.0	.0	.0	1.3	7.3
SE	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0
SSE	.9	.6	.2	.3	.0	.0	.0	.0	.0	.0	.0	2.1	5.0
S	2.4	3.3	1.6	.3	.1	.1	.0	.0	.0	.0	.0	8.0	5.8
SSW	1.3	2.5	2.1	1.8	.0	.1	.0	.0	.0	.0	.0	7.8	7.8
SW	.6	2.9	1.6	.6	.0	.0	.0	.0	.0	.0	.0	5.7	6.4
WSW	1.3	1.7	1.0	.7	.2	.0	.0	.0	.0	.0	.0	5.0	6.4
W	1.3	4.2	4.0	2.4	.3	.0	.0	.0	.0	.0	.0	12.2	7.8
WNW	1.4	1.6	2.4	3.2	1.0	.0	.0	.0	.0	.0	.0	9.7	9.8
NW	.7	2.0	2.1	2.5	.3	.1	.0	.0	.0	.0	.0	7.7	9.4
NNW	.9	2.2	1.8	2.2	.2	.0	.0	.0	.0	.0	.0	7.4	8.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.5	.0
ALL	14.3	26.2	22.3	17.8	3.3	.6	.1	.0	.0	.0	.0	100.0	6.7

TOTAL NO. OF OBS : 867

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.1	2.3	2.3	1.5	.2	.1	.0	.0	.0	.0	.0	7.6	8.0
NNE	.5	1.1	1.4	1.1	.2	.1	.0*	.0	.0	.0	.0	4.5	9.3
NE	.5	.8	.8	.8	.4	.1	.0*	.0*	.0	.0	.0	3.4	10.2
ENE	.4	.6	.5	.5	.1	.1	.0	.0	.0	.0	.0	2.2	8.4
E	.5	.8	.5	.4	.0*	.0*	.0	.0	.0	.0	.0	2.2	6.9
ESE	.4	.5	.6	.1	.0*	.0*	.0	.0	.0	.0	.0	1.7	6.4
SE	.4	.6	.3	.1	.0	.0	.0*	.0	.0	.0	.0	1.4	5.7
SSE	.6	.7	.4	.3	.0*	.0*	.0	.0	.0	.0	.0	2.0	6.2
S	1.5	2.3	1.6	.9	.2	.0*	.0	.0	.0	.0	.0	6.4	6.8
SSW	.8	1.9	2.0	1.2	.3	.1	.0	.0	.0	.0	.0	6.3	8.3
SW	.6	1.6	1.8	1.1	.1	.0*	.0	.0	.0	.0	.0	5.2	7.9
WSW	.8	1.6	1.8	1.2	.2	.0*	.0*	.0	.0	.0	.0	5.7	8.1
W	1.5	3.5	4.7	3.2	.6	.0*	.0*	.0	.0	.0	.0	13.4	8.6
WNW	1.0	2.0	3.3	3.4	1.0	.1	.1	.0	.0	.0	.0	10.9	10.1
NW	1.0	2.0	2.8	2.7	.7	.1	.0	.0	.0	.0	.0	9.3	9.5
NNW	.9	1.7	1.9	2.0	.4	.0*	.0*	.0	.0	.0	.0	6.9	9.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9	.0
ALL	12.4	24.0	26.8	20.5	4.4	.8	.2	.0*	.0	.0	.0	100.0	7.6

TOTAL NO. OF OBS : 7010

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : FEB
CLASS : ALL WEATHER — HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.5	52.4	53.3	54.1	54.2	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.8	54.8
>=20000	22.9	55.2	56.2	57.0	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.7	57.7	57.8	57.8
>=18000	22.9	55.2	56.2	57.0	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.7	57.7	57.8	57.8
>=16000	22.9	55.2	56.2	57.0	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.7	57.7	57.8	57.8
>=14000	23.4	56.0	57.0	57.8	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.5	58.5	58.6	58.6
>=12000	23.9	56.9	57.9	58.7	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.5	59.5	59.7	59.7
>=10000	24.6	59.7	60.8	61.8	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.7	62.7	62.8	62.8
>= 9000	25.1	60.4	61.6	62.6	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.5	63.5	63.6	63.6
>= 8000	25.4	62.3	63.6	64.6	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.5	65.5	65.6	65.6
>= 7000	25.4	63.4	64.8	65.7	66.0	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.7	66.7	66.8	66.8
>= 6000	25.5	63.8	65.3	66.3	66.5	66.7	66.8	66.9	66.9	66.9	66.9	66.9	67.3	67.3	67.5	67.5
>= 5000	26.2	66.5	68.1	69.0	69.3	69.4	69.6	69.7	69.7	69.7	69.7	69.7	70.1	70.1	70.2	70.2
>= 4500	26.5	67.2	69.0	70.0	70.2	70.4	70.5	70.6	70.6	70.6	70.6	70.6	71.0	71.0	71.2	71.2
>= 4000	27.0	68.3	70.1	71.0	71.3	71.4	71.6	71.7	71.7	71.7	71.7	71.7	72.1	72.1	72.2	72.2
>= 3500	27.1	69.8	71.8	72.8	73.0	73.1	73.4	73.5	73.5	73.5	73.5	73.5	73.9	73.9	74.1	74.1
>= 3000	27.6	71.2	73.1	74.2	74.5	74.6	74.9	75.0	75.0	75.1	75.1	75.1	75.5	75.5	75.7	75.7
>= 2500	28.0	72.8	74.9	75.9	76.2	76.3	76.6	76.7	76.7	76.9	76.9	76.9	77.2	77.2	77.4	77.4
>= 2000	28.2	74.5	76.7	78.0	78.3	78.4	78.7	78.8	78.8	79.0	79.0	79.0	79.4	79.4	79.5	79.5
>= 1800	28.3	74.7	77.1	78.4	78.7	78.8	79.1	79.2	79.2	79.4	79.4	79.4	79.8	79.8	79.9	79.9
>= 1500	28.7	75.9	79.0	80.3	80.6	80.8	81.1	81.2	81.2	81.3	81.3	81.3	81.7	81.7	81.9	81.9
>= 1200	28.7	76.7	79.8	81.1	81.5	81.7	82.1	82.3	82.3	82.4	82.5	82.5	82.9	82.9	83.1	83.1
>= 1000	28.8	77.8	81.1	82.8	83.5	83.7	84.1	84.4	84.4	84.5	84.7	84.7	85.1	85.1	85.2	85.2
>= 900	28.8	78.0	81.3	83.1	83.7	84.0	84.4	84.8	84.8	84.9	85.1	85.1	85.4	85.4	85.6	85.6
>= 800	28.8	78.2	81.9	83.7	84.5	85.1	85.6	86.0	86.1	86.2	86.5	86.5	86.9	86.9	87.0	87.0
>= 700	28.8	78.3	82.1	84.3	85.2	85.7	86.4	86.9	87.0	87.2	87.4	87.4	88.0	88.1	88.2	88.2
>= 600	28.8	78.4	82.7	85.1	86.2	86.8	87.7	88.4	88.5	88.8	89.0	89.0	89.6	89.7	89.8	89.8
>= 500	29.0	79.0	83.3	85.8	87.3	87.8	89.4	90.5	90.6	90.9	91.3	91.3	91.8	92.1	92.2	92.2
>= 400	29.0	79.0	83.3	86.1	87.8	88.5	91.0	92.2	92.3	93.0	93.4	93.4	94.0	94.3	94.4	94.4
>= 300	29.0	79.0	83.3	86.1	88.1	88.8	91.4	92.7	92.9	93.7	94.3	94.3	95.1	95.4	95.5	95.5
>= 200	29.0	79.2	83.6	86.4	88.6	89.3	92.1	93.5	93.7	94.7	95.4	95.4	96.3	96.7	97.2	97.5
>= 100	29.0	79.2	83.6	86.4	88.6	89.3	92.1	93.5	93.8	94.8	95.9	95.9	97.0	97.4	98.1	98.9
>= 0	29.0	79.2	83.6	86.4	88.6	89.3	92.1	93.5	93.8	95.0	96.0	96.0	97.1	97.5	98.4	100.0

TOTAL NO. OF OBS : 756

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : FEB
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.2	49.9	50.8	51.3	52.0	52.1	52.1	52.1	52.1	52.1	52.3	52.3	52.3	52.4	52.4	52.4
>=20000	21.4	51.5	52.5	53.2	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.4	54.5	54.5	54.5
>=18000	21.6	51.7	52.8	53.6	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.8	54.9	54.9	54.9
>=16000	21.6	51.7	52.8	53.6	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.8	54.9	54.9	54.9
>=14000	21.8	51.9	52.9	53.8	54.6	54.8	54.8	54.8	54.8	54.8	54.9	54.9	55.0	55.2	55.2	55.2
>=12000	22.0	53.1	54.1	55.0	55.8	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.2	56.4	56.4	56.4
>=10000	23.1	55.7	56.9	58.2	59.2	59.3	59.3	59.3	59.3	59.4	59.5	59.5	59.7	59.8	59.8	59.8
>= 9000	23.2	56.0	57.2	58.5	59.4	59.5	59.5	59.5	59.5	59.7	59.8	59.8	59.9	60.1	60.1	60.1
>= 8000	24.0	59.2	60.5	61.8	62.7	62.9	62.9	62.9	62.9	63.0	63.1	63.1	63.3	63.4	63.4	63.4
>= 7000	24.9	60.9	62.2	63.7	64.6	64.7	64.7	64.7	64.7	64.9	65.0	65.0	65.1	65.3	65.3	65.3
>= 6000	25.1	61.9	63.3	64.7	65.8	65.9	66.0	66.0	66.0	66.2	66.3	66.3	66.4	66.6	66.6	66.6
>= 5000	25.6	64.1	65.4	67.1	68.7	68.8	69.0	69.0	69.0	69.1	69.2	69.2	69.4	69.5	69.5	69.5
>= 4500	26.3	65.6	67.0	68.7	70.3	70.4	70.6	70.6	70.6	70.7	70.8	70.8	71.0	71.1	71.1	71.1
>= 4000	26.7	66.3	67.6	69.4	71.0	71.1	71.2	71.2	71.2	71.4	71.5	71.5	71.6	71.8	71.8	71.8
>= 3500	27.1	67.8	69.1	70.8	72.5	72.7	72.8	72.8	72.8	72.9	73.1	73.1	73.2	73.3	73.3	73.3
>= 3000	27.9	69.6	71.1	72.8	74.5	74.7	74.8	74.8	74.8	74.9	75.1	75.1	75.2	75.3	75.3	75.3
>= 2500	28.0	70.8	72.3	74.1	76.0	76.1	76.3	76.3	76.3	76.4	76.5	76.5	76.7	76.8	76.8	76.8
>= 2000	28.1	72.1	73.9	75.9	78.0	78.1	78.2	78.4	78.4	78.5	78.6	78.6	78.8	78.9	78.9	78.9
>= 1800	28.1	72.4	74.1	76.1	78.2	78.4	78.5	78.6	78.6	78.8	78.9	78.9	79.0	79.2	79.2	79.2
>= 1500	28.1	73.6	75.6	77.9	80.1	80.2	80.6	80.8	80.8	81.0	81.2	81.2	81.3	81.4	81.4	81.4
>= 1200	28.4	74.8	76.9	79.8	82.1	82.4	82.9	83.0	83.0	83.3	83.4	83.4	83.6	83.7	83.7	83.7
>= 1000	28.6	75.7	78.0	81.2	83.6	84.0	84.5	84.7	84.7	85.0	85.1	85.1	85.3	85.4	85.4	85.4
>= 900	28.6	75.7	78.1	81.3	83.8	84.2	84.7	85.0	85.0	85.3	85.4	85.4	85.5	85.7	85.7	85.7
>= 800	28.6	75.9	78.5	82.0	84.7	85.1	85.9	86.3	86.3	86.6	86.7	86.7	86.9	87.0	87.0	87.0
>= 700	28.6	76.3	78.9	82.6	85.7	86.1	86.9	87.3	87.3	87.7	87.8	87.9	88.1	88.2	88.2	88.2
>= 600	28.6	76.7	79.3	83.3	86.6	87.1	87.9	88.5	88.6	89.0	89.1	89.3	89.4	89.5	89.5	89.5
>= 500	28.6	76.9	79.6	83.7	87.7	88.2	89.4	90.5	90.7	91.2	91.6	91.8	92.0	92.2	92.2	92.2
>= 400	28.6	77.2	79.8	84.0	88.1	88.9	90.2	91.8	92.0	92.8	93.4	93.5	93.9	94.0	94.0	94.0
>= 300	28.6	77.3	80.0	84.1	88.5	89.4	91.1	92.8	93.1	94.0	94.7	94.8	95.4	95.6	95.8	95.8
>= 200	28.6	77.5	80.1	84.2	88.6	89.8	91.6	93.5	93.8	95.0	96.2	96.3	96.9	97.?	97.5	97.6
>= 100	28.6	77.5	80.1	84.2	88.6	89.8	91.6	93.5	93.8	95.0	96.2	96.3	97.2	97.6	98.0	98.4
>= 0	28.6	77.5	80.1	84.2	88.6	89.8	91.6	93.5	93.8	95.0	96.3	96.6	97.5	97.9	98.3	100.0

TOTAL NO. OF OBS : 754

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : FEB
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.3	44.4	46.3	46.8	47.6	47.7	48.0	48.0	48.0	48.0	48.2	48.2	48.4	48.4	48.4	48.6
>=20000	22.3	47.0	49.0	49.7	50.4	50.7	51.0	51.0	51.0	51.0	51.3	51.3	51.5	51.5	51.5	51.8
>=18000	22.4	47.3	49.2	49.9	50.7	50.9	51.2	51.2	51.2	51.2	51.5	51.5	51.8	51.8	51.8	52.0
>=16000	22.4	47.3	49.2	49.9	50.7	50.9	51.2	51.2	51.2	51.2	51.5	51.5	51.8	51.8	51.8	52.0
>=14000	22.6	47.5	49.5	50.1	51.2	51.4	51.8	51.8	51.8	51.8	52.1	52.1	52.3	52.3	52.3	52.5
>=12000	23.5	48.8	50.9	51.5	52.7	53.0	53.5	53.5	53.5	53.5	53.8	53.8	54.0	54.0	54.0	54.3
>=10000	24.2	51.1	53.3	53.9	55.1	55.4	55.9	55.9	56.0	56.0	56.3	56.3	56.6	56.6	56.6	56.8
>= 9000	24.4	51.4	53.6	54.3	55.5	55.7	56.2	56.2	56.3	56.3	56.7	56.7	56.9	56.9	56.9	57.1
>= 8000	25.1	53.5	55.7	56.6	57.8	58.0	58.5	58.6	58.8	58.8	59.1	59.1	59.3	59.3	59.3	59.5
>= 7000	25.6	55.4	57.7	58.5	59.7	60.0	60.5	60.6	60.7	60.7	61.2	61.2	61.4	61.4	61.4	61.6
>= 6000	26.0	56.8	59.1	60.0	61.4	61.6	62.1	62.3	62.4	62.4	62.8	62.8	63.0	63.0	63.0	63.2
>= 5000	27.1	59.1	61.5	62.5	64.0	64.2	64.9	65.0	65.1	65.1	65.5	65.5	65.8	65.8	65.8	66.0
>= 4500	27.5	59.8	62.3	63.2	64.8	65.0	65.6	65.8	65.9	65.9	66.3	66.3	66.5	66.5	66.5	66.7
>= 4000	28.0	61.3	63.9	65.0	66.7	67.0	67.6	67.7	67.8	67.8	68.3	68.3	68.5	68.5	68.5	68.7
>= 3500	28.1	62.5	65.2	66.4	68.2	68.4	69.0	69.1	69.3	69.3	69.7	69.7	69.9	69.9	69.9	70.1
>= 3000	29.1	64.6	67.4	68.7	70.6	71.0	71.7	71.8	71.9	72.0	72.4	72.4	72.6	72.6	72.6	72.9
>= 2500	29.6	66.6	69.6	71.1	73.1	73.5	74.2	74.3	74.4	74.5	75.2	75.2	75.4	75.4	75.4	75.6
>= 2000	30.2	68.2	71.1	72.6	74.7	75.2	76.0	76.3	76.4	76.5	77.1	77.1	77.4	77.4	77.4	77.6
>= 1800	30.2	68.4	71.3	72.9	74.9	75.4	76.3	76.5	76.6	76.7	77.4	77.4	77.6	77.6	77.6	77.8
>= 1500	30.5	69.7	72.6	74.3	76.7	77.1	78.0	78.6	78.7	78.9	79.5	79.5	79.8	79.8	79.8	80.0
>= 1200	30.7	70.1	73.3	74.9	77.5	78.1	79.0	79.5	79.6	79.9	80.5	80.5	80.7	80.7	80.7	81.0
>= 1000	30.9	70.5	73.7	75.6	78.3	79.0	80.1	80.7	80.9	81.3	81.9	81.9	82.3	82.3	82.3	82.5
>= 900	30.9	70.7	74.1	76.0	78.9	79.6	80.7	81.4	81.5	82.2	82.8	82.9	83.4	83.4	83.4	83.6
>= 800	30.9	70.9	74.3	76.3	79.6	80.5	81.6	82.5	82.6	83.3	83.9	84.0	84.7	84.7	84.7	84.9
>= 700	30.9	71.1	74.6	76.7	80.1	81.1	82.4	83.5	83.7	84.5	85.1	85.2	85.9	85.9	85.9	86.1
>= 600	30.9	71.3	74.9	77.0	80.4	81.6	82.9	84.1	84.6	85.4	86.3	86.4	87.2	87.2	87.2	87.4
>= 500	30.9	71.4	75.2	77.5	81.3	82.6	84.0	85.4	86.0	87.6	88.7	88.9	89.9	90.0	90.0	90.3
>= 400	30.9	71.4	75.3	77.7	81.6	82.9	84.6	86.3	87.1	88.9	90.4	90.7	92.0	92.3	92.3	92.6
>= 300	30.9	71.4	75.3	77.7	81.6	82.9	85.1	86.9	87.6	90.2	91.7	92.2	94.0	94.4	94.5	95.0
>= 200	30.9	71.4	75.3	77.7	81.6	82.9	85.3	87.1	87.9	90.6	92.1	92.9	95.0	95.7	96.6	97.5
>= 100	30.9	71.4	75.3	77.7	81.6	82.9	85.4	87.2	88.1	90.8	92.3	93.1	95.8	96.8	98.0	99.6
>= 0	30.9	71.4	75.3	77.7	81.6	82.9	85.4	87.2	88.1	90.8	92.3	93.1	95.8	96.8	98.0	100.0

TOTAL NO. OF OBS : 914

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : FEB
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.8	45.8	47.0	47.4	47.7	47.7	47.9	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
>=20000	22.5	48.8	50.1	50.5	50.8	50.8	50.9	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
>=18000	22.7	49.2	50.4	50.8	51.2	51.2	51.3	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
>=16000	22.7	49.2	50.4	50.8	51.2	51.2	51.3	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
>=14000	23.2	49.7	50.9	51.6	51.9	51.9	52.0	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
>=12000	23.8	50.8	52.1	52.8	53.2	53.2	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
>=10000	25.0	54.3	55.8	56.6	57.2	57.2	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
>= 9000	25.1	54.8	56.3	57.2	57.7	57.7	57.8	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
>= 8000	26.7	57.5	59.2	60.4	61.1	61.3	61.4	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>= 7000	27.2	59.4	61.1	62.5	63.2	63.3	63.6	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
>= 6000	27.2	59.7	61.5	62.8	63.7	63.8	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
>= 5000	27.8	61.3	63.0	64.5	65.4	65.5	65.8	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
>= 4500	27.8	61.7	63.4	65.0	65.9	66.0	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
>= 4000	28.3	63.3	65.2	66.8	67.9	68.1	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
>= 3500	28.8	64.4	66.4	68.1	69.3	69.4	69.9	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>= 3000	29.7	66.5	68.5	70.3	71.7	71.8	72.3	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
>= 2500	30.3	67.9	70.3	72.1	73.8	74.0	74.8	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>= 2000	30.8	69.5	71.8	73.7	75.7	76.0	76.7	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>= 1800	31.0	69.8	72.1	74.0	76.1	76.3	77.1	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
>= 1500	31.3	70.5	73.0	75.1	77.4	77.8	78.7	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
>= 1200	31.3	70.8	73.4	75.9	78.2	78.8	80.1	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
>= 1000	31.4	71.4	74.0	76.5	79.0	80.0	81.3	82.1	82.3	82.7	82.7	82.7	82.8	82.8	82.8	82.8
>= 900	31.4	71.5	74.1	76.6	79.3	80.4	81.8	82.5	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.2
>= 800	31.5	71.8	74.4	77.2	80.0	81.1	82.7	83.8	84.0	84.9	85.0	85.0	85.1	85.1	85.1	85.1
>= 700	31.5	72.0	74.6	77.4	80.2	81.4	83.2	84.6	85.0	85.9	86.1	86.1	86.3	86.3	86.3	86.3
>= 600	31.5	72.1	75.0	77.7	80.8	82.1	84.4	86.2	86.5	87.5	87.7	87.7	87.9	88.0	88.0	88.0
>= 500	31.6	72.3	75.2	78.0	81.4	82.9	85.6	88.5	88.9	90.5	91.2	91.2	91.8	92.0	92.0	92.0
>= 400	31.6	72.3	75.2	78.3	81.8	83.2	86.2	89.7	90.3	92.0	93.0	93.0	93.7	94.0	94.1	94.1
>= 300	31.6	72.3	75.2	78.3	81.8	83.2	86.3	89.9	90.8	92.8	94.0	94.1	95.5	95.9	96.4	96.7
>= 200	31.6	72.3	75.2	78.3	81.8	83.3	86.4	90.0	90.9	92.9	94.1	94.5	96.3	96.9	98.0	98.7
>= 100	31.6	72.3	75.2	78.3	81.8	83.3	86.4	90.0	90.9	92.9	94.2	94.6	96.4	97.3	98.7	99.8
>= 0	31.6	72.3	75.2	78.3	81.8	83.3	86.4	90.0	90.9	92.9	94.2	94.6	96.4	97.3	98.7	100.0

TOTAL NO. OF OBS : 911

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.3	45.4	46.1	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
>=20000	24.6	49.6	50.2	50.3	50.3	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
>=18000	24.6	49.8	50.4	50.6	50.6	50.6	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
>=16000	24.9	50.1	50.8	50.9	50.9	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
>=14000	25.4	50.9	51.6	51.7	51.7	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
>=12000	26.1	52.6	53.2	53.3	53.4	53.4	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
>=10000	27.1	55.2	56.1	56.3	56.4	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
>= 9000	27.2	55.6	56.6	56.8	56.9	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
>= 8000	28.3	58.6	59.6	59.8	59.9	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>= 7000	28.8	59.8	60.8	61.1	61.3	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>= 6000	28.9	59.9	60.9	61.2	61.4	61.6	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
>= 5000	29.1	61.0	62.1	62.4	62.7	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
>= 4500	29.1	61.3	62.4	62.8	63.1	63.2	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
>= 4000	30.4	63.7	64.8	65.2	65.6	65.7	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
>= 3500	30.9	65.6	66.7	67.1	67.6	67.7	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
>= 3000	32.2	68.9	70.0	70.4	70.9	71.1	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
>= 2500	33.7	71.8	72.9	73.4	73.9	74.1	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
>= 2000	34.4	73.9	75.2	76.0	76.7	76.9	77.4	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>= 1800	34.7	74.3	75.7	76.4	77.1	77.3	77.9	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>= 1500	34.8	75.3	77.0	77.9	78.7	79.0	79.6	80.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8
>= 1200	34.8	75.8	77.8	78.7	79.9	80.3	80.9	81.8	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4
>= 1000	35.0	76.8	78.8	80.0	81.3	81.8	82.3	83.6	83.8	84.2	84.6	84.6	84.6	84.6	84.6	84.6
>= 900	35.1	76.9	78.9	80.3	81.7	82.1	82.8	84.2	84.6	85.0	85.3	85.3	85.3	85.3	85.3	85.3
>= 800	35.1	77.1	79.4	81.0	82.7	83.2	83.9	85.4	85.8	86.4	87.2	87.2	87.2	87.2	87.2	87.2
>= 700	35.1	77.1	79.7	81.4	83.4	84.0	84.9	86.7	87.1	87.9	88.7	88.7	88.7	88.7	88.7	88.7
>= 600	35.1	77.2	79.9	82.1	84.4	85.0	86.0	88.4	89.0	89.9	90.8	90.8	90.9	90.9	90.9	90.9
>= 500	35.1	77.2	80.1	82.3	85.0	86.0	87.2	90.1	90.9	92.4	93.9	93.9	94.2	94.2	94.2	94.2
>= 400	35.1	77.3	80.2	82.4	85.3	86.3	87.6	90.6	91.3	93.1	94.9	95.1	95.7	95.7	95.7	95.7
>= 300	35.1	77.3	80.2	82.6	85.6	86.6	87.9	90.9	91.8	93.7	95.9	96.3	97.1	97.1	97.1	97.1
>= 200	35.1	77.3	80.2	82.6	85.6	86.6	87.9	90.9	91.8	93.7	96.2	96.8	98.1	98.3	98.9	99.2
>= 100	35.1	77.3	80.2	82.6	85.6	86.6	87.9	90.9	91.8	93.7	96.2	96.8	98.1	98.4	99.4	99.8
>= 0	35.1	77.3	80.2	82.6	85.6	86.6	87.9	90.9	91.8	93.7	96.2	96.8	98.1	98.4	99.4	100.0

TOTAL NO. OF OBS : 900

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : FEB
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.5	46.9	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
>=20000	26.6	51.8	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
>=18000	26.7	52.2	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
>=16000	26.9	52.3	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
>=14000	28.0	53.9	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
>=12000	28.9	55.6	56.3	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>=10000	30.1	58.6	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
>= 9000	30.2	59.4	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
>= 8000	31.1	61.5	62.3	62.4	62.4	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
>= 7000	31.3	62.8	63.7	63.9	64.0	64.2	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>= 6000	31.7	63.5	64.4	64.7	64.8	64.9	64.9	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
>= 5000	32.2	65.0	65.9	66.4	66.5	66.6	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>= 4500	32.4	65.5	66.4	66.8	66.9	67.0	67.0	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
>= 4000	33.9	67.9	69.0	69.5	69.7	69.8	69.8	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>= 3500	34.6	69.7	70.9	71.4	71.6	71.7	71.7	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
>= 3000	35.5	71.9	73.1	73.6	74.0	74.1	74.1	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
>= 2500	36.4	73.6	74.9	75.7	76.1	76.2	76.4	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
>= 2000	37.3	75.7	77.1	78.0	78.7	78.9	79.2	79.6	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9
>= 1800	37.5	76.1	77.6	78.5	79.1	79.4	79.9	80.2	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6
>= 1500	37.7	77.5	79.4	80.6	81.2	81.5	82.1	82.6	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1
>= 1200	37.7	77.9	79.8	81.1	81.9	82.1	83.0	83.5	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1
>= 1000	37.8	78.5	80.5	82.0	82.9	83.2	84.5	85.2	85.7	86.0	86.1	86.2	86.2	86.2	86.2	86.2
>= 900	37.8	78.6	80.6	82.1	83.0	83.4	84.6	85.3	85.8	86.1	86.2	86.3	86.3	86.3	86.3	86.3
>= 800	37.8	78.7	80.9	82.7	84.1	84.5	85.8	86.8	87.3	87.8	88.0	88.1	88.2	88.2	88.2	88.2
>= 700	37.8	78.8	81.1	83.0	84.7	85.1	86.6	87.9	88.5	88.9	89.2	89.3	89.5	89.5	89.5	89.5
>= 600	37.8	78.8	81.1	83.1	84.9	85.3	86.8	88.2	88.9	89.5	89.9	90.1	90.3	90.3	90.3	90.3
>= 500	37.8	78.9	81.2	83.6	85.5	86.0	87.7	90.2	91.0	91.6	92.3	92.7	92.9	92.9	93.0	93.0
>= 400	37.8	78.9	81.2	83.7	85.7	86.2	88.0	90.7	91.6	92.5	93.5	94.0	94.2	94.2	94.3	94.3
>= 300	37.8	78.9	81.2	83.7	85.7	86.3	88.3	91.0	91.9	93.2	94.5	95.0	95.6	95.7	96.0	96.1
>= 200	37.8	78.9	81.2	83.8	85.8	86.5	88.5	91.1	92.0	93.6	95.2	96.0	96.8	97.3	98.3	98.7
>= 100	37.8	78.9	81.2	83.8	85.8	86.5	88.5	91.1	92.0	93.6	95.2	96.0	96.8	97.4	98.7	99.7
>= 0	37.8	78.9	81.2	83.8	85.8	86.5	88.5	91.1	92.0	93.6	95.2	96.0	96.8	97.4	98.8	100.0

TOTAL NO. OF OBS : 901

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 1900 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	28.3	55.1	55.5	55.8	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
>=20000	28.6	57.0	57.4	57.7	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
>=18000	28.7	57.2	57.5	58.0	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
>=16000	28.7	57.2	57.5	58.0	58.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
>=14000	29.1	57.8	58.2	58.6	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
>=12000	30.0	59.4	59.9	60.3	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
>=10000	30.9	61.2	61.8	62.3	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
>= 9000	31.3	62.0	62.6	63.1	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>= 8000	32.3	64.0	64.8	65.3	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
>= 7000	32.3	64.8	65.6	66.1	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>= 6000	32.6	65.6	66.5	67.0	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
>= 5000	33.7	67.8	68.8	69.4	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>= 4500	33.7	68.8	69.8	70.5	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
>= 4000	34.1	70.1	71.1	71.8	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
>= 3500	34.2	70.8	71.8	72.5	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
>= 3000	34.8	72.5	74.1	74.9	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>= 2500	35.3	74.2	75.9	76.7	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
>= 2000	35.8	76.2	78.4	79.4	80.5	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
>= 1800	35.8	76.4	78.5	79.7	80.7	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
>= 1500	35.8	77.2	79.7	81.1	82.3	82.5	82.7	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>= 1200	35.9	77.7	80.3	81.9	83.1	83.4	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>= 1000	36.1	78.4	81.4	83.0	84.3	84.8	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.6	85.6
>= 900	36.1	78.5	81.6	83.3	84.7	85.1	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9
>= 800	36.1	78.9	82.0	83.7	85.2	85.8	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8
>= 700	36.1	79.1	82.4	84.1	85.6	86.1	86.8	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.3	87.3
>= 600	36.1	79.1	82.5	84.3	85.9	86.7	87.6	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.6	88.6
>= 500	36.1	79.3	83.0	85.0	86.8	87.6	89.0	90.1	90.2	90.7	90.9	91.0	91.0	91.0	91.2	91.2
>= 400	36.1	79.3	83.3	85.3	87.5	88.3	89.7	91.6	91.7	92.4	92.7	92.8	92.8	92.8	93.1	93.1
>= 300	36.1	79.3	83.3	85.3	88.0	89.0	90.7	93.1	93.3	94.7	95.1	95.2	95.8	95.8	96.1	96.1
>= 200	36.1	79.3	83.3	85.3	88.0	89.0	90.8	93.3	93.5	95.5	95.9	96.1	97.5	97.5	98.0	98.1
>= 100	36.1	79.3	83.3	85.3	88.0	89.0	90.8	93.4	93.6	95.6	96.0	96.2	97.6	97.7	98.6	99.2
>= 0	36.1	79.3	83.3	85.3	88.0	89.0	90.8	93.4	93.6	95.6	96.0	96.2	97.6	97.7	98.6	100.0

TOTAL NO. OF OBS : 880

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : FEB
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	26.9	55.0	55.4	55.6	55.8	55.8	55.9	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.5	56.6
>=20000	27.3	57.5	58.0	58.2	58.5	58.5	58.6	58.7	58.7	58.9	58.9	58.9	58.9	58.9	59.2	59.3
>=18000	27.3	57.5	58.0	58.2	58.5	58.5	58.6	58.7	58.7	58.9	58.9	58.9	58.9	58.9	59.2	59.3
>=16000	27.3	57.5	58.0	58.2	58.5	58.5	58.6	58.7	58.7	58.9	58.9	58.9	58.9	58.9	59.2	59.3
>=14000	27.7	58.1	58.6	58.8	59.1	59.1	59.2	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.8	59.9
>=12000	28.4	59.8	60.2	60.5	60.7	60.7	60.8	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.4	61.5
>=10000	29.8	62.5	63.0	63.5	63.7	63.7	63.9	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.4	64.6
>= 9000	29.9	63.2	63.7	64.2	64.4	64.4	64.6	64.7	64.7	64.9	64.9	64.9	64.9	64.9	65.1	65.3
>= 8000	30.6	64.4	65.0	65.5	65.7	65.7	65.8	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.4	66.5
>= 7000	30.8	65.0	65.6	66.1	66.3	66.3	66.4	66.7	66.7	66.9	66.9	66.9	66.9	66.9	67.1	67.3
>= 6000	31.0	65.7	66.3	67.0	67.3	67.3	67.5	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.2	68.3
>= 5000	31.8	67.4	68.0	68.8	69.0	69.0	69.2	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.9	70.1
>= 4500	31.8	68.1	68.7	69.5	69.7	69.7	69.9	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.6	70.8
>= 4000	32.0	69.2	70.1	70.9	71.1	71.1	71.5	71.7	71.7	71.9	71.9	71.9	71.9	71.9	72.2	72.3
>= 3500	32.0	70.3	71.2	72.2	72.5	72.5	73.0	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.7	73.8
>= 3000	32.9	71.9	73.2	74.2	74.6	74.6	75.1	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.8	75.9
>= 2500	33.3	73.3	74.6	75.8	76.3	76.3	76.7	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.5	77.7
>= 2000	33.7	74.7	76.0	77.2	77.8	77.8	78.2	78.6	78.6	78.8	78.8	78.8	78.8	78.8	79.1	79.2
>= 1800	33.8	75.4	76.7	78.0	78.6	78.6	79.1	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.9	80.0
>= 1500	34.3	76.6	78.1	79.6	80.5	80.6	81.2	81.5	81.5	81.8	81.8	81.8	81.8	81.8	82.0	82.1
>= 1200	34.3	77.4	78.9	80.5	81.4	81.6	82.2	82.6	82.6	82.8	82.8	82.8	82.8	82.8	83.0	83.2
>= 1000	34.5	78.2	79.9	81.6	82.7	82.9	84.0	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.9	85.0
>= 900	34.6	78.5	80.1	81.9	82.9	83.3	84.6	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.5	85.6
>= 800	34.6	78.8	80.7	82.5	83.5	84.0	85.5	86.2	86.2	86.5	86.7	86.7	86.7	86.7	86.9	87.0
>= 700	34.6	78.9	81.1	82.9	84.1	84.6	86.2	87.1	87.1	87.5	87.6	87.6	87.6	87.6	87.8	88.0
>= 600	34.6	79.1	81.5	83.6	85.1	85.7	87.7	88.8	88.8	89.2	89.4	89.4	89.4	89.4	89.6	89.7
>= 500	34.6	79.3	82.0	84.2	85.8	86.4	88.8	90.2	90.2	90.9	91.1	91.1	91.5	91.5	91.7	91.8
>= 400	34.7	79.4	82.6	84.8	86.5	87.3	89.8	91.3	91.6	92.9	93.2	93.2	93.7	93.7	93.9	94.0
>= 300	34.7	79.4	82.7	85.0	87.0	87.7	90.4	92.2	92.4	94.3	94.7	94.7	95.3	95.3	95.7	95.8
>= 200	34.7	79.5	82.8	85.1	87.1	87.8	90.9	92.9	93.1	95.2	95.9	95.9	97.0	97.1	97.7	97.9
>= 100	34.7	79.5	82.8	85.1	87.3	88.0	91.0	93.1	93.3	95.6	96.5	96.5	97.7	97.8	98.6	99.1
>= 0	34.7	79.5	82.8	85.1	87.3	88.0	91.0	93.1	93.3	95.6	96.5	96.5	97.7	97.8	98.6	100.0

TOTAL NO. OF OBS : 855

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : FEB
CLASS : ALL WEATHER — HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.9	49.2	50.1	50.4	50.8	50.8	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.2	51.2
>=20000	24.6	52.2	53.1	53.5	53.9	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.4	54.4
>=18000	24.7	52.4	53.3	53.7	54.1	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.5	54.5	54.6	54.6
>=16000	24.7	52.5	53.4	53.8	54.2	54.2	54.3	54.4	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.7
>=14000	25.2	53.1	54.1	54.5	54.9	55.0	55.1	55.2	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.5
>=12000	25.9	54.5	55.5	56.0	56.4	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.0	57.0
>=10000	26.9	57.2	58.3	58.9	59.4	59.5	59.7	59.7	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.1
>= 9000	27.1	57.8	58.9	59.5	60.0	60.1	60.2	60.3	60.4	60.4	60.5	60.5	60.5	60.6	60.6	60.6
>= 8000	28.0	60.0	61.2	61.9	62.5	62.6	62.7	62.8	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.2
>= 7000	28.4	61.3	62.6	63.4	63.9	64.0	64.2	64.3	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.7
>= 6000	28.6	62.0	63.3	64.1	64.7	64.9	65.1	65.2	65.2	65.3	65.4	65.4	65.4	65.5	65.5	65.6
>= 5000	29.3	63.9	65.2	66.2	66.8	67.0	67.2	67.3	67.4	67.4	67.5	67.5	67.6	67.6	67.6	67.7
>= 4500	29.5	64.6	66.0	66.9	67.6	67.7	68.0	68.1	68.1	68.2	68.3	68.3	68.3	68.4	68.4	68.4
>= 4000	30.2	66.2	67.6	68.6	69.4	69.5	69.8	69.9	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.3
>= 3500	30.5	67.5	69.1	70.0	70.9	71.0	71.3	71.5	71.5	71.6	71.6	71.6	71.7	71.8	71.8	71.8
>= 3000	31.3	69.6	71.3	72.3	73.2	73.4	73.7	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.3	74.3
>= 2500	32.0	71.3	73.1	74.3	75.3	75.5	75.9	76.0	76.1	76.2	76.3	76.3	76.4	76.4	76.5	76.5
>= 2000	32.5	73.1	75.0	76.3	77.5	77.7	78.2	78.4	78.5	78.6	78.7	78.7	78.8	78.8	78.9	78.9
>= 1800	32.6	73.4	75.4	76.7	77.9	78.1	78.6	78.8	78.9	79.0	79.1	79.1	79.2	79.2	79.3	79.3
>= 1500	32.8	74.5	76.7	78.3	79.6	79.9	80.5	80.8	80.9	81.1	81.2	81.3	81.3	81.4	81.4	81.4
>= 1200	32.9	75.1	77.5	79.2	80.6	81.0	81.7	82.1	82.2	82.4	82.5	82.6	82.7	82.7	82.7	82.8
>= 1000	33.1	75.8	78.3	80.2	81.9	82.3	83.2	83.8	83.9	84.2	84.4	84.4	84.5	84.5	84.6	84.6
>= 900	33.1	76.0	78.5	80.5	82.2	82.7	83.6	84.2	84.4	84.7	84.8	84.9	85.0	85.0	85.1	85.1
>= 800	33.1	76.2	78.9	81.0	83.0	83.6	84.6	85.4	85.6	86.0	86.3	86.3	86.5	86.5	86.6	86.6
>= 700	33.1	76.4	79.2	81.4	83.5	84.2	85.3	86.3	86.6	87.1	87.4	87.4	87.6	87.6	87.7	87.7
>= 600	33.1	76.5	79.5	81.9	84.2	85.0	86.3	87.6	87.9	88.4	88.8	88.9	89.1	89.2	89.2	89.3
>= 500	33.1	76.7	79.8	82.4	85.0	85.8	87.5	89.4	89.8	90.7	91.4	91.5	91.9	92.0	92.1	92.1
>= 400	33.1	76.8	80.0	82.7	85.4	86.3	88.3	90.4	90.9	92.2	93.0	93.2	93.8	93.9	94.0	94.0
>= 300	33.1	76.8	80.0	82.7	85.6	86.6	88.8	91.1	91.6	93.3	94.3	94.6	95.5	95.7	95.9	96.0
>= 200	33.1	76.8	80.1	82.8	85.7	86.8	89.0	91.4	92.0	93.8	95.1	95.5	96.7	97.1	97.8	98.2
>= 100	33.1	76.8	80.1	82.8	85.8	86.8	89.1	91.5	92.1	93.9	95.3	95.6	97.1	97.6	98.5	99.3
>= 0	33.1	76.8	80.1	82.8	85.8	86.8	89.1	91.5	92.1	93.9	95.3	95.7	97.1	97.6	98.6	100.0

TOTAL NO. OF OBS : 6871

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	1.1	3.1	.7	.0	.1	.0	.0	.0	.0	.0	6.2	7.2
NNE	.6	1.4	1.4	1.0	.1	.1	.0	.0	.0	.0	.0	4.6	8.4
NE	.4	.6	.4	1.1	.6	.2	.0	.0	.0	.0	.0	3.2	11.9
ENE	.4	.6	.6	.5	.1	.0	.0	.0	.0	.0	.0	2.1	7.6
E	.1	.6	.7	.6	.0	.0	.0	.0	.0	.0	.0	2.0	8.1
ESE	.0	.4	.1	.4	.0	.0	.0	.0	.0	.0	.0	.8	8.9
SE	.6	.1	.6	.1	.0	.0	.0	.0	.0	.0	.0	1.4	6.4
SSE	1.0	.7	.8	.2	.0	.0	.0	.0	.0	.0	.0	2.7	5.6
S	2.9	2.6	1.8	.5	.0	.0	.0	.0	.0	.0	.0	7.7	5.3
SSW	1.1	2.4	2.0	.5	.1	.0	.0	.0	.0	.0	.0	6.1	6.6
SW	.8	1.2	1.0	.0	.1	.0	.0	.0	.0	.0	.0	3.1	5.8
WSW	.8	1.9	1.3	.8	.2	.0	.0	.0	.0	.0	.0	5.1	7.4
W	1.7	2.7	3.8	2.7	.1	.4	.0	.0	.0	.0	.0	11.4	8.4
WNW	1.3	2.3	3.8	2.5	.5	.0	.0	.0	.0	.0	.0	10.4	8.6
NW	1.7	2.3	3.0	2.3	.6	.0	.0	.0	.0	.0	.0	9.8	8.7
NNW	1.2	2.0	2.0	1.4	.2	.0	.0	.1	.0	.0	.0	7.0	8.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.2	.0
ALL	15.6	22.9	26.4	15.2	2.7	.8	.0	.1	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 840

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.6	1.9	2.3	.6	.4	.0	.0	.0	.0	.0	.0	5.7	7.8
NNE	1.0	1.9	1.8	1.8	.4	.2	.0	.0	.0	.0	.0	7.0	8.5
NE	.5	1.0	1.2	.6	.4	.4	.0	.0	.0	.0	.0	3.9	9.8
ENE	.4	.2	.4	.7	.2	.1	.0	.0	.0	.0	.0	2.0	10.9
E	.6	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	1.4	5.8
ESE	.4	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.2	5.8
SE	.2	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	1.3	7.5
SSE	1.2	.5	.7	.1	.0	.0	.0	.0	.0	.0	.0	2.5	4.9
S	2.4	2.2	1.7	.5	.0	.0	.0	.0	.0	.0	.0	6.7	5.3
SSW	1.2	2.4	1.1	.7	.0	.0	.0	.0	.0	.0	.0	5.4	6.3
SW	.6	.6	1.0	.4	.1	.0	.0	.0	.0	.0	.0	2.6	7.5
WSW	1.2	1.8	1.6	.4	.0	.1	.0	.0	.0	.0	.0	5.0	6.8
W	2.4	3.2	4.9	2.6	.5	.0	.0	.0	.0	.0	.0	13.6	7.7
WNW	.8	2.4	2.6	2.6	.0	.1	.0	.0	.0	.0	.0	8.6	8.7
NW	.7	1.8	3.1	2.3	.2	.1	.0	.0	.0	.0	.0	8.2	9.2
NNW	.8	2.7	1.8	1.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.3	.0
ALL	14.9	23.8	24.9	14.9	2.2	1.1	.0	.0	.0	.0	.0	100.0	6.3

TOTAL NO. OF OBS : 837

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.7	2.3	2.9	1.1	.2	.2	.0	.0	.0	.0	.0	7.4	8.0
NNE	.3	1.0	2.2	1.6	.4	.5	.0	.0	.0	.0	.0	5.9	10.6
NE	.1	1.2	1.2	.8	.3	.0	.0	.1	.0	.0	.0	3.6	10.1
ENE	.6	.3	.9	.5	.2	.0	.0	.0	.0	.0	.0	2.4	8.7
E	.6	.9	1.1	.8	.0	.0	.0	.0	.0	.0	.0	3.3	7.8
ESE	.3	.2	.6	.2	.0	.0	.0	.0	.0	.0	.0	1.3	7.5
SE	.3	.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	1.0	6.8
SSE	.8	1.1	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.6	5.4
S	1.5	2.2	1.3	.7	.1	.0	.0	.0	.0	.0	.0	5.8	6.4
SSW	.7	1.5	2.0	.5	.2	.0	.0	.0	.0	.0	.0	4.8	7.6
SW	.4	1.0	1.4	.9	.0	.0	.0	.0	.0	.0	.0	3.6	7.9
WSW	.8	1.3	2.6	.6	.1	.0	.0	.0	.0	.0	.0	5.4	7.5
W	1.5	3.3	4.7	2.2	.2	.1	.0	.0	.0	.0	.0	11.9	7.9
WNW	1.1	2.0	3.0	2.4	.5	.0	.1	.0	.0	.0	.0	9.1	9.0
NW	1.1	2.6	3.4	2.8	.4	.0	.0	.0	.0	.0	.0	10.4	8.7
NNW	.5	2.2	2.3	.9	.3	.1	.0	.0	.0	.0	.0	6.4	8.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.2	.0
ALL	11.0	23.4	30.2	16.3	2.8	.9	.1	.1	.0	.0	.0	100.0	7.0

TOTAL NO. OF OBS : 1027

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.7	2.5	2.8	2.0	.2	.1	.0	.0	.0	.0	.0	8.3	8.6
NNE	.5	1.7	3.3	2.1	.9	.3	.1	.0	.0	.0	.0	8.8	10.4
NE	.1	.6	1.7	1.0	.4	.4	.0	.0	.0	.0	.0	4.1	11.5
ENE	.2	1.3	1.2	.7	.1	.1	.0	.0	.0	.0	.0	3.5	8.6
E	.7	1.5	1.5	1.1	.0	.0	.0	.0	.0	.0	.0	4.7	7.7
ESE	.1	.7	.6	.6	.0	.1	.0	.0	.0	.0	.0	2.1	9.2
SE	.3	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	1.6	6.8
SSE	.3	.4	.7	.4	.1	.0	.0	.0	.0	.0	.0	1.9	8.4
S	1.1	2.2	1.8	2.1	.0	.0	.0	.0	.0	.0	.0	7.0	8.1
SSW	.3	2.0	2.2	1.3	.2	.0	.0	.0	.0	.0	.0	6.0	8.5
SW	.4	.6	1.9	1.3	.3	.0	.0	.0	.0	.0	.0	4.4	9.4
WSW	.6	.6	1.5	1.6	.4	.0	.0	.0	.0	.0	.0	4.6	10.1
W	.5	1.6	3.0	3.4	1.2	.1	.0	.0	.0	.0	.0	9.8	10.8
WNW	.3	1.5	3.4	6.2	1.1	.2	.0	.0	.0	.0	.0	12.6	11.8
NW	.7	1.3	2.2	2.9	1.5	.1	.0	.0	.0	.0	.0	8.7	11.3
NNW	.3	.9	2.3	3.2	1.1	.2	.0	.0	.0	.0	.0	8.0	11.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	.0
ALL	6.9	19.6	30.6	29.5	7.3	1.6	.1	.0	.0	.0	.0	100.0	9.6

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

D14790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.7	1.7	2.9	1.9	.4	.0	.0	.0	.0	.0	.0	7.5	8.9
NNE	.6	1.7	2.7	2.0	.5	.4	.0	.0	.0	.0	.0	7.8	10.0
NE	.6	1.4	1.8	1.4	.5	.5	.1	.0	.0	.0	.0	6.2	10.6
ENE	.1	.8	1.1	.9	.1	.0	.0	.0	.0	.0	.0	2.9	9.4
E	.5	1.8	1.1	1.3	.2	.0	.0	.0	.0	.0	.0	4.8	8.4
ESE	.4	.6	1.1	.3	.0	.0	.0	.0	.0	.0	.0	2.4	6.8
SE	.3	.8	.8	.2	.0	.1	.0	.0	.0	.0	.0	2.2	7.3
SSE	.2	.6	.6	.4	.1	.0	.0	.0	.0	.0	.0	1.9	8.5
S	.4	1.2	2.8	1.6	.2	.0	.0	.0	.0	.0	.0	6.2	9.1
SSW	.6	.9	2.6	2.4	.5	.3	.0	.0	.0	.0	.0	7.3	10.7
SW	.2	.8	1.5	.9	.4	.0	.0	.0	.0	.0	.0	3.7	9.7
WSW	.5	.3	2.8	2.0	.8	.0	.0	.0	.0	.0	.0	6.4	10.8
W	.4	1.1	4.1	4.6	1.4	.2	.0	.0	.0	.0	.0	11.8	11.7
WNW	.4	.8	2.9	4.5	1.7	.3	.0	.0	.0	.0	.0	10.6	12.5
NW	.3	1.0	1.9	4.2	1.8	.1	.0	.0	.0	.0	.0	9.2	12.7
NNW	.4	1.0	1.7	2.5	.8	.1	.0	.0	.0	.0	.0	6.5	11.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	.0
ALL	6.5	16.2	32.4	31.0	9.2	2.0	.1	.0	.0	.0	.0	100.0	10.2

TOTAL NO. OF OBS : 1021

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.3	1.4	1.8	1.8	.2	.1	.0	.0	.0	.0	.0	5.5	9.7
NNE	.6	1.8	3.1	1.5	.7	.0	.2	.0	.0	.0	.0	7.8	9.6
NE	.8	1.3	1.6	1.1	.2	.5	.0	.0	.0	.0	.0	5.4	9.4
ENE	.7	1.6	2.1	1.2	.1	.1	.0	.0	.0	.0	.0	5.7	8.2
E	.7	2.3	2.2	1.3	.0	.0	.0	.0	.0	.0	.0	6.5	7.5
ESE	.4	1.7	.9	.3	.1	.0	.0	.0	.0	.0	.0	3.3	6.7
SE	.0	1.0	1.1	.5	.1	.0	.0	.0	.0	.0	.0	2.6	8.7
SSE	.2	.5	1.1	.2	.0	.0	.0	.0	.0	.0	.0	2.0	7.0
S	.8	1.0	2.2	2.3	.3	.1	.0	.0	.0	.0	.0	6.6	9.6
SSW	.1	1.3	1.8	2.3	.6	.0	.2	.0	.0	.0	.0	6.2	11.3
SW	.2	.7	1.4	1.4	.1	.1	.0	.0	.0	.0	.0	3.8	9.8
WSW	.0	.9	1.7	2.1	.7	.0	.1	.0	.0	.0	.0	5.4	11.7
W	.6	1.6	3.0	5.2	1.8	.2	.0	.0	.0	.0	.0	12.3	11.4
WNW	.2	.8	3.4	5.3	1.5	.6	.1	.0	.0	.0	.0	11.8	12.5
NW	.0	1.3	2.3	3.4	1.6	.2	.0	.0	.0	.0	.0	8.7	12.4
NNW	.3	.2	.7	2.2	.3	.3	.0	.0	.0	.0	.0	3.9	12.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	.0
ALL	5.8	19.1	30.0	31.7	8.1	2.2	.6	.0	.0	.0	.0	100.0	10.1

TOTAL NO. OF OBS : 1022

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 1900 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.1	1.2	1.8	1.0	.0	.0	.0	.0	.0	.0	.0	5.1	7.4
NNE	.3	1.1	1.9	1.0	.3	.2	.0	.0	.0	.0	.0	4.8	9.9
NE	.7	1.3	.9	.6	.6	.3	.0	.0	.0	.0	.0	4.4	9.7
ENE	.2	1.2	.8	.5	.2	.1	.0	.0	.0	.0	.0	3.0	8.5
E	1.3	1.3	.9	.1	.0	.0	.0	.0	.0	.0	.0	3.6	5.2
ESE	1.0	1.4	.8	.7	.0	.0	.0	.0	.0	.0	.0	3.9	6.4
SE	.8	1.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	2.8	5.5
SSE	1.4	1.5	.7	.3	.0	.0	.0	.0	.0	.0	.0	3.9	5.3
S	1.9	3.5	3.4	1.5	.0	.0	.0	.0	.0	.0	.0	10.2	6.7
SSW	.4	1.4	2.5	1.8	.1	.1	.0	.0	.0	.0	.0	6.2	8.9
SW	.6	1.6	.9	.4	.0	.0	.0	.0	.0	.0	.0	3.5	6.5
WSW	.7	1.0	.6	.6	.1	.1	.0	.0	.0	.0	.0	3.1	7.7
W	1.0	3.7	4.4	3.2	.3	.2	.0	.0	.0	.0	.0	12.7	8.5
WNW	.3	.9	3.2	2.9	.2	.2	.0	.0	.0	.0	.0	7.6	10.5
NW	.3	1.9	2.7	2.6	.7	.2	.0	.0	.0	.0	.0	8.3	10.5
NNW	.5	1.0	1.4	2.1	.4	.0	.0	.0	.0	.0	.0	5.4	10.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	.0
ALL	12.4	25.1	27.0	19.5	2.9	1.4	.0	.0	.0	.0	.0	100.0	7.3

TOTAL NO. OF OBS : 1009

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : MAR
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.7	1.8	2.3	.7	.0	.1	.0	.0	.0	.0	.0	5.7	7.5
NNE	.7	1.0	1.3	.7	.1	.2	.0	.1	.0	.0	.0	4.2	9.0
NE	.3	.8	.6	.7	.3	.1	.1	.0	.0	.0	.0	3.0	10.6
ENE	.6	.5	.9	.8	.3	.1	.0	.0	.0	.0	.0	3.3	9.6
E	.9	.6	.2	.4	.0	.0	.0	.0	.0	.0	.0	2.2	5.3
ESE	.3	.3	.5	.3	.0	.0	.0	.0	.0	.0	.0	1.4	7.4
SE	.4	.4	.6	.1	.0	.0	.0	.0	.0	.0	.0	1.5	6.3
SSE	.9	1.1	.5	.2	.1	.0	.0	.0	.0	.0	.0	2.9	5.9
S	2.9	3.3	2.7	.6	.1	.0	.0	.0	.0	.0	.0	9.6	5.8
SSW	1.3	2.5	2.0	.6	.1	.0	.0	.0	.0	.0	.0	6.5	6.7
SW	.7	1.0	2.2	.6	.1	.0	.0	.0	.0	.0	.0	4.6	7.4
WSW	.9	1.0	1.7	.3	.0	.0	.0	.0	.0	.0	.0	4.0	6.8
W	1.7	2.6	4.9	1.8	.4	.2	.0	.0	.0	.0	.0	11.7	8.2
WNW	.8	2.2	2.5	2.7	.4	.1	.0	.0	.0	.0	.0	8.6	9.3
NW	.8	1.6	2.8	2.8	1.0	.2	.0	.0	.0	.0	.0	9.2	10.3
NNW	.6	2.1	2.1	1.8	.4	.0	.0	.0	.0	.0	.0	7.0	9.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.6	.0
ALL	14.8	22.9	27.7	15.3	3.4	1.0	.1	.1	.0	.0	.0	100.0	6.9

TOTAL NO. OF OBS : 973

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.7	1.8	2.5	1.2	.2	.1	.0	.0	.0	.0	.0	6.5	8.2
NNE	.6	1.4	2.3	1.4	.4	.2	.0*	.0*	.0	.0	.0	6.4	9.7
NE	.4	1.0	1.2	.9	.4	.3	.0*	.0*	.0	.0	.0	4.3	10.4
ENE	.4	.8	1.0	.7	.2	.1	.0	.0	.0	.0	.0	3.2	8.8
E	.7	1.2	1.0	.7	.0*	.0	.0	.0	.0	.0	.0	3.7	7.2
ESE	.4	.7	.6	.4	.0*	.0*	.0	.0	.0	.0	.0	2.1	7.1
SE	.4	.6	.5	.3	.0*	.0*	.0	.0	.0	.0	.0	1.8	7.0
SSE	.7	.8	.7	.3	.0*	.0	.0	.0	.0	.0	.0	2.5	6.2
S	1.7	2.2	2.2	1.2	.1	.0*	.0	.0	.0	.0	.0	7.5	7.0
SSW	.7	1.7	2.0	1.3	.2	.1	.0*	.0	.0	.0	.0	6.1	8.5
SW	.5	.9	1.4	.7	.1	.0*	.0	.0	.0	.0	.0	3.7	8.2
WSW	.7	1.1	1.7	1.1	.3	.0*	.0*	.0	.0	.0	.0	4.9	8.9
W	1.2	2.4	4.1	3.3	.7	.2	.0	.0	.0	.0	.0	11.9	9.3
WNW	.6	1.5	3.1	3.7	.7	.2	.0*	.0	.0	.0	.0	10.0	10.6
NW	.7	1.7	2.6	2.9	1.0	.1	.0	.0	.0	.0	.0	9.1	10.5
NNW	.6	1.5	1.8	1.9	.5	.1	.0	.0*	.0	.0	.0	6.3	9.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3	.0
ALL	10.8	21.5	28.8	22.1	5.0	1.4	.1	.0*	.0	.0	.0	100.0	8.1

TOTAL NO. OF OBS : 7748

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES) >=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.5	50.1	50.3	50.7	50.9	50.9	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
>=20000	20.7	53.2	53.5	53.9	54.1	54.1	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
>=18000	20.7	53.3	53.7	54.0	54.3	54.3	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
>=16000	20.7	53.3	53.7	54.0	54.3	54.3	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
>=14000	20.8	53.4	53.8	54.1	54.4	54.4	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
>=12000	21.1	54.0	54.4	54.7	55.0	55.0	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
>=10000	21.9	56.5	56.9	57.2	57.5	57.5	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
>= 9000	22.2	56.9	57.2	57.6	57.8	57.8	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
>= 8000	22.8	59.0	59.4	59.8	60.1	60.1	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
>= 7000	22.9	60.1	60.5	60.8	61.2	61.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
>= 6000	23.2	61.7	62.0	62.4	62.9	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
>= 5000	24.7	64.9	65.5	66.0	66.5	66.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
>= 4500	25.3	66.7	67.3	67.8	68.3	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
>= 4000	25.6	68.5	69.2	69.7	70.3	70.3	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
>= 3500	25.9	69.8	70.7	71.3	71.9	72.0	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>= 3000	26.3	71.4	72.2	72.8	73.4	73.5	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
>= 2500	27.2	73.2	74.4	75.3	75.9	76.2	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>= 2000	27.5	75.1	76.6	77.7	78.4	78.7	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>= 1800	27.5	75.1	76.6	77.7	78.4	78.7	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>= 1500	27.5	75.7	77.6	78.7	79.4	79.6	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>= 1200	27.5	76.3	78.4	79.5	80.5	80.7	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
>= 1000	27.7	77.2	79.6	81.1	82.3	82.5	83.0	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6
>= 900	27.7	77.4	79.9	81.3	82.5	82.8	83.4	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0
>= 800	27.7	77.8	80.6	82.2	83.5	83.7	84.3	85.0	85.1	85.1	85.3	85.3	85.4	85.4	85.4	85.4
>= 700	27.7	78.6	81.4	83.2	84.6	84.9	85.9	86.6	86.7	86.7	86.8	86.8	86.9	86.9	86.9	86.9
>= 600	27.7	78.8	81.8	83.6	85.4	85.7	87.1	87.8	88.0	88.0	88.3	88.3	88.6	88.6	88.6	88.6
>= 500	27.7	78.9	82.0	84.1	85.9	86.3	87.8	88.5	88.9	89.1	89.3	89.5	89.9	89.9	89.9	89.9
>= 400	27.7	79.2	82.3	84.9	86.8	87.5	89.2	90.1	90.4	90.9	91.1	91.4	92.0	92.0	92.0	92.0
>= 300	27.7	79.2	82.4	85.1	87.4	88.1	90.3	91.6	92.1	93.1	93.4	93.7	94.5	94.6	94.7	94.9
>= 200	27.7	79.2	82.4	85.3	87.8	88.5	90.9	92.2	92.7	94.0	94.7	95.0	95.9	96.0	96.5	96.9
>= 100	27.7	79.2	82.4	85.3	87.8	88.5	90.9	92.3	92.8	94.4	95.3	95.6	96.9	97.0	98.2	99.0
>= 0	27.7	79.2	82.4	85.3	87.8	88.5	90.9	92.3	92.8	94.4	95.3	95.6	97.0	97.1	98.3	100.0

TOTAL NO. OF OBS : 835

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : MAR
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)														
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.0	50.1	50.4	50.5	51.0	51.1	51.3	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=20000	21.0	52.1	52.6	52.8	53.3	53.4	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=18000	21.0	52.5	53.0	53.2	53.7	53.8	53.9	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2
>=16000	21.0	52.5	53.0	53.2	53.7	53.8	53.9	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2
>=14000	21.4	53.1	53.6	53.8	54.3	54.4	54.5	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
>=12000	21.6	53.8	54.3	54.5	55.0	55.1	55.2	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5
>=10000	22.1	55.9	56.5	56.7	57.2	57.3	57.4	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7
>= 9000	22.2	56.3	56.9	57.2	57.7	57.8	57.9	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>= 8000	23.2	59.2	60.0	60.2	60.7	60.8	60.9	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2
>= 7000	23.2	60.4	61.2	61.4	61.9	62.0	62.1	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
>= 6000	23.8	62.0	62.7	63.0	63.4	63.6	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
>= 5000	24.6	64.7	65.4	66.0	66.5	66.6	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>= 4500	24.7	66.1	66.8	67.6	68.2	68.3	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
>= 4000	25.5	67.6	68.4	69.1	69.7	69.8	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
>= 3500	25.7	68.5	69.7	70.4	71.2	71.3	71.4	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>= 3000	25.9	70.1	71.3	72.0	72.7	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
>= 2500	26.5	71.8	73.1	74.2	74.9	75.0	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
>= 2000	26.8	73.0	74.8	76.0	76.8	77.0	77.3	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
>= 1800	26.8	73.0	74.8	76.0	76.8	77.0	77.3	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
>= 1500	26.8	73.9	76.1	77.6	78.5	78.6	79.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
>= 1200	27.1	74.9	77.3	78.8	79.7	79.9	80.3	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
>= 1000	27.4	75.6	78.2	79.9	80.9	81.1	81.7	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1
>= 900	27.4	75.8	78.3	80.1	81.2	81.3	81.9	82.1	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4
>= 800	27.4	76.5	79.1	81.2	82.4	82.5	83.2	83.6	83.6	84.0	84.0	84.0	84.2	84.2	84.2	84.2
>= 700	27.4	77.0	79.9	82.0	83.5	83.7	84.4	84.8	84.8	85.2	85.2	85.2	85.4	85.4	85.4	85.4
>= 600	27.4	77.2	80.2	82.8	84.4	84.7	85.8	86.2	86.4	86.7	86.7	86.7	87.0	87.0	87.0	87.0
>= 500	27.4	77.6	81.3	84.1	86.1	86.4	87.7	88.3	88.5	89.0	89.1	89.1	89.5	89.5	89.5	89.5
>= 400	27.4	77.8	81.7	84.6	87.0	87.5	88.8	89.4	89.6	90.5	90.7	90.7	91.3	91.3	91.3	91.3
>= 300	27.4	77.8	82.0	85.0	88.1	88.5	90.6	91.3	91.8	93.2	93.6	93.7	94.6	94.6	94.6	94.6
>= 200	27.4	77.8	82.0	85.0	88.3	88.8	91.2	91.9	92.4	94.6	95.3	95.4	96.7	96.9	97.0	97.2
>= 100	27.4	77.8	82.0	85.0	88.3	88.8	91.2	91.9	92.4	94.6	95.8	95.9	97.9	98.1	98.7	99.2
>= 0	27.4	77.8	82.0	85.0	88.3	88.8	91.2	91.9	92.4	94.6	95.8	95.9	97.9	98.1	98.9	100.0

TOTAL NO. OF OBS : 829

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAR
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.4	45.4	46.6	47.4	47.8	48.2	48.3	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
>=20000	22.8	48.1	49.3	50.1	50.6	51.0	51.1	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=18000	22.8	48.1	49.3	50.1	50.6	51.0	51.1	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=16000	22.8	48.1	49.3	50.1	50.6	51.0	51.1	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=14000	23.0	48.7	49.9	50.8	51.3	51.7	51.8	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
>=12000	24.1	50.2	51.5	52.6	53.1	53.5	53.6	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
>=10000	25.0	53.7	55.0	56.4	56.9	57.3	57.4	57.7	57.7	57.8	57.8	57.8	57.9	57.9	57.9	57.9
>= 9000	25.2	54.1	55.4	56.8	57.3	57.7	57.8	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3
>= 8000	26.6	56.2	57.6	59.0	59.7	60.1	60.2	60.5	60.5	60.6	60.6	60.6	60.8	60.8	60.8	60.8
>= 7000	27.2	57.8	59.2	60.6	61.2	61.6	61.7	62.0	62.0	62.1	62.1	62.1	62.3	62.3	62.3	62.3
>= 6000	27.8	59.1	60.6	61.9	62.7	63.1	63.2	63.5	63.5	63.6	63.6	63.6	63.8	63.8	63.8	63.8
>= 5000	28.5	60.7	62.2	63.6	64.4	64.8	64.9	65.2	65.2	65.3	65.3	65.3	65.5	65.5	65.5	65.5
>= 4500	28.6	62.1	63.8	65.3	66.2	66.6	66.8	67.1	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.4
>= 4000	29.8	64.0	65.7	67.2	68.3	68.7	69.0	69.3	69.3	69.4	69.4	69.4	69.6	69.6	69.6	69.6
>= 3500	30.0	64.6	66.3	67.8	68.9	69.3	69.6	69.9	69.9	70.0	70.0	70.0	70.2	70.2	70.2	70.2
>= 3000	30.5	66.0	67.7	69.2	70.4	70.8	71.1	71.5	71.5	71.7	71.7	71.7	71.9	71.9	71.9	71.9
>= 2500	31.0	67.8	69.6	71.2	72.4	72.8	73.2	73.9	73.9	74.1	74.1	74.1	74.3	74.3	74.3	74.3
>= 2000	31.3	68.6	70.4	72.1	73.6	74.0	74.5	75.3	75.4	75.6	75.6	75.6	75.8	75.8	75.8	75.8
>= 1800	31.4	68.9	70.7	72.3	73.9	74.3	74.8	75.6	75.7	75.9	75.9	75.9	76.1	76.1	76.1	76.1
>= 1500	31.5	69.8	71.8	73.7	75.4	75.8	76.3	77.1	77.2	77.5	77.6	77.6	77.9	77.9	77.9	77.9
>= 1200	31.5	70.6	72.5	74.7	76.6	77.0	77.7	78.6	78.7	79.0	79.2	79.2	79.5	79.5	79.5	79.5
>= 1000	31.8	71.3	73.5	75.8	76.1	78.6	79.5	80.5	80.6	81.3	81.5	81.5	81.9	81.9	81.9	81.9
>= 900	31.8	71.4	73.7	76.0	78.4	78.9	79.8	80.8	81.0	81.7	82.0	82.0	82.4	82.4	82.4	82.4
>= 800	31.8	72.0	74.6	76.9	79.3	79.9	81.0	82.1	82.3	83.0	83.3	83.3	83.7	83.7	83.7	83.7
>= 700	31.8	72.1	74.7	77.0	79.8	80.4	81.5	82.7	83.0	83.7	84.1	84.2	84.6	84.6	84.6	84.6
>= 600	31.8	72.3	75.0	77.5	80.6	81.2	82.5	83.9	84.3	85.3	86.1	86.2	86.7	86.7	86.7	86.7
>= 500	31.8	72.5	75.3	77.9	81.3	82.1	83.6	85.6	86.3	87.8	88.8	89.0	89.7	89.8	89.8	89.8
>= 400	31.8	72.6	75.6	78.3	81.8	83.0	84.8	87.5	88.2	90.0	91.4	91.6	92.3	92.5	92.5	92.5
>= 300	31.8	72.7	75.7	78.4	82.1	83.3	85.2	88.3	89.4	91.5	93.5	93.7	94.5	94.7	94.8	94.9
>= 200	31.8	72.7	75.7	78.4	82.1	83.3	85.5	88.7	89.8	92.3	94.6	94.8	96.0	96.5	97.0	97.5
>= 100	31.8	72.7	75.7	78.4	82.1	83.3	85.5	88.7	89.9	92.5	94.8	95.1	96.3	96.8	98.2	99.8
>= 0	31.8	72.7	75.7	78.4	82.1	83.3	85.5	88.7	89.9	92.5	94.8	95.1	96.3	96.8	98.2	100.0

TOTAL NO. OF OBS : 1009

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAR
CLASS : ALL WEATHER — HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.4	45.8	46.2	46.4	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
>=20000	24.8	49.0	49.4	49.7	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
>=18000	24.8	49.0	49.4	49.7	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
>=16000	24.8	49.0	49.4	49.7	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
>=14000	24.9	49.3	49.7	50.0	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
>=12000	25.2	50.2	50.7	51.0	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
>=10000	26.6	53.5	54.1	54.4	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
>= 9000	27.0	54.3	54.9	55.2	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
>= 8000	28.1	56.7	57.3	57.9	58.5	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
>= 7000	28.4	57.6	58.4	59.0	59.6	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
>= 6000	28.6	58.3	59.2	59.8	60.4	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7
>= 5000	29.0	59.6	60.6	61.2	61.8	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1
>= 4500	29.4	60.5	61.6	62.2	62.8	62.9	62.9	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1
>= 4000	30.7	63.1	64.1	64.8	65.4	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
>= 3500	31.2	64.3	65.5	66.2	66.8	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1
>= 3000	32.3	67.2	68.5	69.3	70.0	70.1	70.1	70.1	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4
>= 2500	33.9	70.1	71.4	72.4	73.3	73.4	73.4	73.4	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7
>= 2000	34.4	71.9	73.4	74.5	75.5	75.8	75.8	75.8	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1
>= 1800	34.6	72.9	74.4	75.5	76.5	76.7	76.7	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0
>= 1500	35.3	74.4	76.0	77.2	78.3	78.6	78.8	78.8	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2
>= 1200	35.4	74.9	76.7	78.2	79.3	79.7	80.0	80.1	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6
>= 1000	35.8	75.6	77.7	79.4	80.8	81.3	82.0	82.1	82.4	82.6	82.8	82.8	82.8	82.8	82.9	82.9
>= 900	35.8	75.7	77.8	79.5	81.0	81.5	82.3	82.5	82.8	83.1	83.3	83.3	83.3	83.3	83.3	83.3
>= 800	35.9	75.8	77.9	79.8	81.6	82.4	83.4	83.8	84.1	84.5	84.7	84.7	84.7	84.8	84.9	84.9
>= 700	35.9	76.0	78.4	80.5	82.3	83.3	84.5	85.1	85.5	86.0	86.4	86.4	86.4	86.5	86.6	86.6
>= 600	35.9	76.2	78.7	81.2	83.2	84.5	86.2	87.3	87.9	88.5	89.0	89.0	89.1	89.2	89.3	89.3
>= 500	35.9	76.5	79.3	81.8	84.5	86.1	88.3	89.8	90.3	91.0	91.8	91.8	91.9	92.0	92.2	92.2
>= 400	35.9	76.5	79.4	82.0	84.8	86.4	89.0	90.8	91.5	92.6	93.7	93.9	94.1	94.3	94.5	94.5
>= 300	35.9	76.5	79.4	82.0	84.9	86.5	89.3	91.4	92.1	93.4	95.3	95.6	95.8	96.1	96.3	96.3
>= 200	35.9	76.5	79.4	82.0	84.9	86.5	89.3	91.5	92.2	93.6	95.8	96.2	97.0	97.7	98.2	98.6
>= 100	35.9	76.5	79.4	82.0	84.9	86.5	89.3	91.6	92.3	93.7	95.9	96.3	97.3	98.0	98.9	100.0
>= 0	35.9	76.5	79.4	82.0	84.9	86.5	89.3	91.6	92.3	93.7	95.9	96.3	97.3	98.0	98.9	100.0

TOTAL NO. OF OBS : 1015

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAR
CLASS : ALL WEATHER — HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.5	43.5	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
>=20000	24.4	46.7	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
>=18000	24.4	46.8	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
>=16000	24.4	46.8	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
>=14000	24.4	47.3	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
>=12000	25.0	48.5	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
>=10000	25.5	50.8	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
>= 9000	25.9	51.5	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
>= 8000	26.5	53.4	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
>= 7000	26.9	54.6	55.0	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5
>= 6000	27.1	55.1	55.5	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1
>= 5000	28.0	56.9	57.6	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2
>= 4500	28.8	58.4	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8
>= 4000	30.4	61.2	62.0	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6
>= 3500	31.3	63.3	64.2	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9
>= 3000	33.6	69.8	70.8	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
>= 2500	34.4	72.2	73.6	74.0	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5
>= 2000	35.8	74.4	75.9	76.6	76.9	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5
>= 1800	35.9	74.8	76.3	77.0	77.3	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
>= 1500	36.4	76.6	78.9	79.8	80.2	80.4	80.7	80.9	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2
>= 1200	36.5	77.1	79.8	81.0	81.5	81.9	82.2	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7
>= 1000	37.0	78.3	81.2	82.6	83.4	83.8	84.3	84.7	84.8	85.1	85.2	85.2	85.3	85.3	85.3	85.3
>= 900	37.0	78.4	81.3	82.8	84.0	84.4	85.0	85.5	85.6	85.9	86.0	86.0	86.1	86.1	86.1	86.1
>= 800	37.0	78.8	81.8	83.3	84.7	85.2	86.0	86.8	86.9	87.2	87.4	87.4	87.6	87.6	87.6	87.6
>= 700	37.1	79.1	82.5	84.0	85.6	86.3	87.1	88.1	88.3	88.9	89.2	89.2	89.4	89.4	89.4	89.4
>= 600	37.2	79.4	83.0	84.9	86.9	87.7	88.6	90.2	90.5	91.1	91.4	91.5	91.9	91.9	91.9	91.9
>= 500	37.2	79.6	83.3	85.3	87.5	88.5	89.7	91.7	92.2	93.0	93.7	93.8	94.4	94.4	94.4	94.4
>= 400	37.2	79.6	83.3	85.3	87.6	88.7	90.0	92.7	93.3	94.2	94.9	95.0	95.6	95.6	95.8	95.8
>= 300	37.2	79.6	83.3	85.4	87.8	88.9	90.3	93.3	93.9	95.2	96.1	96.3	97.4	97.7	97.9	97.9
>= 200	37.2	79.6	83.3	85.4	87.8	88.9	90.3	93.4	94.0	95.5	96.5	96.7	98.0	98.4	98.8	99.0
>= 100	37.2	79.6	83.3	85.4	87.8	88.9	90.3	93.4	94.0	95.5	96.7	97.0	98.4	98.8	99.5	100.0
>= 0	37.2	79.6	83.3	85.4	87.8	88.9	90.3	93.4	94.0	95.5	96.7	97.0	98.4	98.8	99.5	100.0

TOTAL NO. OF OBS : 1003

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAR
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.5	46.4	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
>=20000	26.4	49.8	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
>=18000	26.5	49.9	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
>=16000	26.5	49.9	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
>=14000	26.7	50.5	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
>=12000	27.2	51.8	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
>=10000	28.0	54.1	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
>= 9000	28.1	54.3	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
>= 8000	29.3	56.6	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
>= 7000	29.7	57.8	58.3	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
>= 6000	30.6	59.4	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>= 5000	31.7	62.6	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
>= 4500	32.3	64.1	64.7	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
>= 4000	33.9	67.8	68.5	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
>= 3500	34.5	70.1	70.9	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
>= 3000	35.6	73.5	74.3	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>= 2500	36.3	75.6	76.4	77.0	77.3	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>= 2000	37.1	77.2	78.3	78.9	79.3	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
>= 1800	37.2	77.3	78.5	79.1	79.5	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
>= 1500	37.4	79.0	80.5	81.2	81.9	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5
>= 1200	37.7	79.9	81.5	82.2	83.0	83.4	83.4	83.5	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8
>= 1000	37.8	80.6	82.6	83.5	84.6	84.9	85.0	85.1	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6
>= 900	38.0	81.0	83.0	84.0	85.3	85.7	85.8	85.9	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.4
>= 800	38.1	81.3	83.4	84.5	86.0	86.5	86.7	87.2	87.4	87.7	87.7	87.7	87.9	87.9	87.9	87.9
>= 700	38.1	81.6	83.9	85.2	86.7	87.3	87.8	88.4	88.7	89.2	89.3	89.3	89.5	89.5	89.5	89.5
>= 600	38.1	81.6	84.1	85.4	87.2	87.8	88.3	89.2	89.7	90.2	90.6	90.6	90.8	90.8	90.8	90.8
>= 500	38.1	81.8	84.3	85.7	87.7	88.4	89.3	90.7	91.6	92.2	93.0	93.0	93.2	93.2	93.2	93.2
>= 400	38.1	81.8	84.3	85.9	88.0	89.0	90.4	92.0	93.0	93.9	94.9	94.9	95.2	95.2	95.3	95.3
>= 300	38.1	81.8	84.3	85.9	88.0	89.0	90.7	92.6	93.9	95.3	96.5	96.6	97.1	97.2	97.4	97.7
>= 200	38.1	81.8	84.3	85.9	88.1	89.1	90.8	92.8	94.2	95.7	97.1	97.2	97.8	98.0	98.4	98.8
>= 100	38.1	81.8	84.3	85.9	88.1	89.1	90.8	92.8	94.2	95.7	97.3	97.4	98.2	98.5	99.2	99.8
>= 0	38.1	81.8	84.3	85.9	88.1	89.1	90.8	92.8	94.2	95.7	97.3	97.4	98.2	98.5	99.2	100.0

TOTAL NO. OF OBS : 997

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAR
CLASS : ALL WEATHER — HOUR : 1900 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	26.3	50.3	50.7	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
>=20000	26.8	53.1	53.5	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=18000	26.9	53.2	53.6	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
>=16000	26.9	53.2	53.6	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
>=14000	27.1	53.6	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
>=12000	27.9	55.1	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
>=10000	28.8	58.1	58.6	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
>= 9000	28.9	58.5	59.0	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>= 8000	30.4	60.6	61.1	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>= 7000	30.8	61.5	62.0	62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>= 6000	31.2	62.8	63.4	63.7	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>= 5000	32.2	65.5	66.1	66.5	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>= 4500	32.7	66.8	67.4	67.9	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
>= 4000	33.6	68.7	69.4	70.1	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
>= 3500	34.1	70.3	71.0	71.6	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
>= 3000	34.6	72.6	73.4	74.1	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
>= 2500	35.1	74.3	75.2	75.9	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>= 2000	35.5	75.9	77.0	77.7	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
>= 1800	35.7	76.8	77.8	78.6	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
>= 1500	36.1	77.9	79.1	80.0	80.8	80.8	81.0	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2
>= 1200	36.1	78.3	79.7	81.0	81.8	81.8	82.0	82.0	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3
>= 1000	36.1	78.6	80.2	81.7	82.6	82.6	83.0	83.1	83.1	83.6	83.8	83.8	83.9	83.9	83.9	83.9
>= 900	36.1	78.7	80.4	81.9	83.2	83.2	83.8	84.0	84.0	84.4	84.6	84.6	84.7	84.7	84.7	84.7
>= 800	36.1	79.0	81.0	82.6	84.2	84.2	84.9	85.3	85.4	86.1	86.4	86.4	86.5	86.5	86.5	86.5
>= 700	36.1	79.4	81.7	83.5	85.1	85.1	86.1	86.6	86.7	87.6	87.9	87.9	88.0	88.0	88.0	88.0
>= 600	36.1	79.6	82.2	84.1	86.0	86.0	87.0	87.6	87.7	88.6	89.1	89.1	89.2	89.2	89.2	89.2
>= 500	36.2	79.8	82.5	84.5	86.6	86.7	88.2	88.9	89.1	90.6	91.1	91.1	91.3	91.3	91.3	91.3
>= 400	36.2	79.8	82.5	84.6	86.7	86.9	88.9	89.9	90.3	91.9	92.6	92.6	92.8	92.8	92.8	92.8
>= 300	36.2	79.9	82.6	84.8	87.1	87.4	89.9	91.1	91.5	93.4	94.2	94.2	94.6	94.8	94.8	94.8
>= 200	36.2	79.9	82.6	84.8	87.2	87.6	90.6	91.9	92.5	94.6	95.7	95.7	96.6	97.4	97.6	97.7
>= 100	36.2	79.9	82.6	84.8	87.2	87.6	90.7	92.0	92.6	94.9	96.2	96.2	97.6	98.4	99.1	99.3
>= 0	36.2	79.9	82.6	84.8	87.2	87.6	90.7	92.0	92.6	94.9	96.2	96.2	97.6	98.4	99.1	100.0

TOTAL NO. OF OBS : 985

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAR
CLASS : ALL WEATHER — HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.3	49.9	50.4	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8
>=20000	24.8	52.4	52.9	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3
>=18000	24.9	52.5	53.0	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4
>=16000	24.9	52.5	53.0	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4
>=14000	25.2	52.8	53.3	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7
>=12000	26.1	54.4	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3
>=10000	27.3	57.5	58.0	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6
>= 9000	27.4	58.0	58.5	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1
>= 8000	28.9	60.8	61.3	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1
>= 7000	29.3	62.2	62.9	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6
>= 6000	30.2	63.9	64.7	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
>= 5000	31.3	66.7	67.5	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2
>= 4500	32.0	68.3	69.2	69.8	69.8	69.8	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0
>= 4000	32.5	70.3	71.4	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1
>= 3500	33.0	71.1	72.2	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1
>= 3000	33.8	72.9	74.2	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
>= 2500	34.0	74.2	76.0	76.8	77.0	77.0	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
>= 2000	34.1	75.4	77.1	78.1	78.5	78.5	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
>= 1800	34.2	75.7	77.4	78.4	78.9	78.9	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
>= 1500	34.3	76.7	79.1	80.4	81.3	81.3	81.6	81.7	81.7	81.6	81.9	81.9	81.9	81.9	81.9	81.9
>= 1200	34.5	77.9	80.4	81.6	82.5	82.7	83.1	83.2	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5
>= 1000	34.6	78.6	81.8	83.2	84.1	84.3	85.0	85.1	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4
>= 900	34.6	78.7	82.0	83.4	84.3	84.6	85.3	85.4	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8
>= 800	34.6	79.3	83.0	84.4	85.4	85.8	86.7	86.8	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1
>= 700	34.6	79.5	83.2	84.8	85.9	86.2	87.2	87.3	87.4	87.5	87.7	87.7	87.8	87.8	87.8	87.8
>= 600	34.6	79.7	83.5	85.1	86.6	87.0	88.3	88.8	88.9	89.0	89.2	89.3	89.6	89.6	89.6	89.6
>= 500	34.6	79.7	83.8	85.9	87.6	88.1	89.8	90.6	90.9	91.1	91.3	91.4	91.7	91.7	91.7	91.7
>= 400	34.6	79.9	84.0	86.1	88.0	88.6	91.0	91.9	92.3	92.5	92.7	92.8	93.1	93.2	93.2	93.2
>= 300	34.6	80.1	84.3	86.4	88.4	88.9	91.6	93.0	93.5	94.1	94.6	94.7	95.0	95.1	95.3	95.4
>= 200	34.6	80.1	84.3	86.4	88.4	88.9	91.7	93.3	93.9	94.8	95.5	95.6	96.0	96.3	96.7	96.8
>= 100	34.6	80.1	84.3	86.4	88.4	88.9	91.8	93.5	94.1	95.0	95.8	95.9	96.8	97.2	98.4	99.1
>= 0	34.6	80.1	84.3	86.4	88.4	88.9	91.8	93.5	94.1	95.0	95.8	95.9	96.8	97.3	98.6	100.0

TOTAL NO. OF OBS : 962

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAR
CLASS : ALL WEATHER — HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.6	47.5	48.0	48.3	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
>=20000	24.1	50.4	50.9	51.2	51.5	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=18000	24.1	50.5	51.1	51.3	51.6	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
>=16000	24.1	50.5	51.1	51.3	51.6	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
>=14000	24.3	50.9	51.5	51.8	52.0	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3
>=12000	24.9	52.2	52.7	53.0	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
>=10000	25.8	54.9	55.5	55.9	56.1	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
>= 9000	26.0	55.4	56.0	56.4	56.6	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
>= 8000	27.1	57.7	58.4	58.8	59.1	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
>= 7000	27.5	58.9	59.6	60.1	60.4	60.5	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
>= 6000	28.0	60.2	60.9	61.4	61.8	61.9	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
>= 5000	28.9	62.6	63.4	64.0	64.3	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7
>= 4500	29.4	64.0	64.9	65.5	65.9	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3
>= 4000	30.5	66.3	67.3	67.9	68.4	68.4	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
>= 3500	30.9	67.7	68.7	69.4	69.9	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
>= 3000	31.8	70.4	71.5	72.3	72.8	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3
>= 2500	32.5	72.4	73.7	74.6	75.2	75.3	75.5	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8
>= 2000	33.1	73.9	75.4	76.4	77.1	77.3	77.5	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9
>= 1800	33.2	74.3	75.8	76.8	77.6	77.7	77.9	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3
>= 1500	33.4	75.5	77.4	78.6	79.5	79.7	80.0	80.2	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5
>= 1200	33.6	76.2	78.3	79.6	80.6	80.9	81.2	81.5	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8
>= 1000	33.8	77.0	79.4	80.9	82.1	82.4	82.9	83.3	83.4	83.6	83.7	83.7	83.9	83.9	83.9	83.9
>= 900	33.8	77.1	79.6	81.1	82.5	82.8	83.4	83.8	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.4
>= 800	33.8	77.6	80.2	81.8	83.4	83.8	84.5	85.1	85.2	85.6	85.8	85.8	85.9	85.9	86.0	86.0
>= 700	33.8	77.9	80.7	82.5	84.2	84.6	85.6	86.2	86.4	86.9	87.1	87.1	87.3	87.3	87.3	87.3
>= 600	33.9	78.1	81.0	83.0	85.0	85.6	86.7	87.6	88.0	88.5	88.9	88.9	89.2	89.2	89.2	89.2
>= 500	33.9	78.3	81.4	83.6	85.9	86.6	88.1	89.3	89.8	90.5	91.1	91.2	91.5	91.6	91.6	91.6
>= 400	33.9	78.4	81.6	83.9	86.3	87.2	89.0	90.6	91.1	92.1	92.8	92.9	93.4	93.4	93.5	93.5
>= 300	33.9	78.4	81.7	84.1	86.7	87.5	89.7	91.6	92.3	93.7	94.7	94.9	95.5	95.7	95.8	95.9
>= 200	33.9	78.4	81.7	84.1	86.7	87.6	90.0	92.0	92.7	94.4	95.7	95.9	96.8	97.2	97.6	97.9
>= 100	33.9	78.4	81.7	84.1	86.7	87.6	90.0	92.0	92.8	94.5	96.0	96.2	97.4	97.9	98.8	99.5
>= 0	33.9	78.4	81.7	84.1	86.7	87.6	90.0	92.0	92.8	94.5	96.0	96.2	97.4	97.9	98.9	100.0

TOTAL NO. OF OBS : 7635

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.7	2.0	2.7	.2	.0	.0	.0	.0	.0	.0	.0	6.7	5.9
NNE	.6	2.0	1.5	.7	.6	.4	.1	.0	.0	.0	.0	5.9	9.8
NE	.7	.7	1.7	.7	.1	.1	.0	.0	.0	.0	.0	4.2	8.4
ENE	.0	.1	.5	.4	.2	.0	.0	.0	.0	.0	.0	1.2	11.8
E	.2	.2	.7	.2	.0	.0	.0	.0	.0	.0	.0	1.5	7.0
ESE	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.0
SE	.5	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.6	4.6
SSE	1.2	.5	.7	.1	.0	.0	.0	.0	.0	.0	.0	2.6	5.0
S	3.1	3.3	1.6	.5	.1	.0	.0	.0	.0	.0	.0	8.6	5.1
SSW	2.0	3.0	3.7	1.5	.2	.0	.0	.0	.0	.0	.0	10.4	7.2
SW	1.6	3.0	1.4	1.2	.0	.0	.0	.0	.0	.0	.0	7.2	6.3
WSW	1.1	1.8	1.0	.4	.1	.0	.0	.0	.0	.0	.0	4.4	6.0
W	1.6	3.2	2.8	1.1	.0	.0	.0	.0	.0	.0	.0	8.8	6.5
WNW	.9	2.6	1.7	1.6	.4	.0	.0	.0	.0	.0	.0	7.2	7.9
NW	1.1	1.7	2.3	1.1	.2	.0	.0	.0	.0	.0	.0	6.5	7.5
NNW	.5	1.7	1.4	.7	.2	.1	.0	.0	.0	.0	.0	4.7	8.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.8	.0
ALL	17.3	27.1	24.0	10.7	2.3	.6	.1	.0	.0	.0	.0	100.0	5.7

TOTAL NO. OF OBS : 811

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.6	3.1	2.3	.7	.2	.0	.0	.0	.0	.0	.0	8.0	6.5
NNE	.4	1.0	2.0	.5	.4	.1	.1	.0	.0	.0	.0	4.4	10.0
NE	.5	1.7	1.9	.2	.5	.1	.0	.0	.0	.0	.0	4.9	8.3
ENE	.1	1.1	.1	.5	.2	.1	.0	.0	.0	.0	.0	2.2	9.3
E	.9	.9	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.6	5.3
ESE	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.6
SE	.5	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.9	5.1
SSE	.9	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.0	4.3
S	2.2	2.6	1.7	1.0	.2	.0	.0	.0	.0	.0	.0	7.8	6.3
SSW	1.6	2.5	2.3	1.2	.0	.0	.0	.0	.0	.0	.0	7.7	7.0
SW	.9	2.1	2.1	1.0	.1	.1	.0	.0	.0	.0	.0	6.3	7.9
WSW	1.2	1.9	1.9	.1	.0	.0	.0	.0	.0	.0	.0	5.1	5.8
W	2.2	2.8	3.6	1.0	.0	.0	.0	.0	.0	.0	.0	9.6	6.3
WNW	1.1	1.7	2.6	1.0	.1	.0	.1	.0	.0	.0	.0	6.7	8.0
NW	.9	1.4	2.3	.7	.1	.1	.0	.0	.0	.0	.0	5.6	7.8
NNW	1.1	1.4	2.2	.4	.2	.0	.0	.0	.0	.0	.0	5.3	7.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.4	.0
ALL	16.2	25.3	26.2	8.9	2.2	.6	.2	.0	.0	.0	.0	100.0	5.7

TOTAL NO. OF OBS : 810

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.8	1.4	3.9	1.2	.3	.0	.0	.0	.0	.0	.0	7.6	8.4
NNE	.8	1.3	2.6	1.6	.9	.1	.0	.0	.0	.0	.0	7.3	9.7
NE	.4	1.9	1.7	1.0	.2	.1	.0	.0	.0	.0	.0	5.3	8.5
ENE	.8	.7	.6	.5	.2	.2	.0	.0	.0	.0	.0	3.0	8.5
E	.9	1.3	.7	.2	.2	.0	.0	.0	.0	.0	.0	3.3	6.2
ESE	.1	1.2	.4	.3	.0	.0	.0	.0	.0	.0	.0	2.0	6.9
SE	.1	.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.5	7.1
SSE	.9	.8	1.0	.4	.0	.0	.0	.0	.0	.0	.0	3.1	6.4
S	1.6	2.7	1.6	.3	.1	.0	.0	.0	.0	.0	.0	6.3	6.0
SSW	.6	1.5	3.6	1.4	.1	.0	.0	.0	.0	.0	.0	7.2	8.3
SW	.7	1.6	3.2	1.0	.3	.0	.0	.0	.0	.0	.0	6.8	8.3
WSW	.5	2.3	1.9	.9	.1	.0	.0	.0	.0	.0	.0	5.7	7.8
W	1.4	3.0	4.1	1.8	.4	.0	.0	.0	.0	.0	.0	10.7	7.8
WNW	.2	1.6	3.1	2.2	.3	.1	.0	.0	.0	.0	.0	7.5	9.6
NW	1.1	1.9	2.5	2.2	.2	.0	.0	.0	.0	.0	.0	7.9	8.6
NNW	.3	1.7	3.1	1.4	.4	.3	.0	.0	.0	.0	.0	7.2	9.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	.0
ALL	11.2	25.5	34.4	16.5	3.7	.8	.0	.0	.0	.0	.0	100.0	7.6

TOTAL NO. OF OBS : 1004

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.9	2.3	2.6	1.2	.1	.0	.0	.0	.0	.0	.0	7.0	7.6
NNE	1.0	1.7	2.9	3.6	.9	.3	.0	.0	.0	.0	.0	10.3	10.4
NE	.2	1.3	2.8	1.9	.5	.0	.0	.0	.0	.0	.0	6.6	9.7
ENE	.4	.5	1.2	1.3	.2	.2	.0	.0	.0	.0	.0	3.8	10.5
E	.4	.8	1.9	1.1	.0	.0	.0	.0	.0	.0	.0	4.2	8.1
ESE	.1	.6	.3	.4	.0	.0	.0	.0	.0	.0	.0	1.4	7.8
SE	.3	.7	.7	.2	.0	.0	.0	.0	.0	.0	.0	1.9	6.7
SSE	.3	1.0	.6	.4	.0	.0	.0	.0	.0	.0	.0	2.3	6.9
S	.3	1.7	3.1	1.7	.2	.0	.1	.0	.0	.0	.0	7.0	9.1
SSW	.6	2.2	2.8	2.0	.4	.0	.0	.0	.0	.0	.0	7.9	9.1
SW	.2	1.0	2.5	1.9	.8	.0	.0	.0	.0	.0	.0	6.3	10.4
WSW	.2	.9	2.1	1.6	.2	.0	.0	.0	.0	.0	.0	4.9	10.0
W	.6	1.1	3.7	3.9	.9	.2	.0	.0	.0	.0	.0	10.3	11.0
WNW	.4	1.3	2.1	3.8	1.4	.0	.0	.0	.0	.0	.0	8.9	11.2
NW	.2	1.3	2.2	2.7	.5	.0	.0	.0	.0	.0	.0	6.8	10.3
NNW	.2	1.7	2.5	2.1	.3	.2	.0	.0	.0	.0	.0	6.9	10.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	.0
ALL	6.2	19.9	33.6	29.4	6.3	.9	.1	.0	.0	.0	.0	100.0	9.4

TOTAL NO. OF OBS : 1012

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : APR
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.2	2.1	2.5	.8	.3	.1	.0	.0	.0	.0	.0	5.9	8.6
NNE	.3	1.1	2.4	1.8	.5	.2	.0	.0	.0	.0	.0	6.2	10.3
NE	.6	1.4	2.0	2.9	.6	.0	.0	.0	.0	.0	.0	7.4	10.1
ENE	.2	1.3	2.4	1.4	.3	.0	.0	.0	.0	.0	.0	5.5	9.1
E	.6	1.9	2.0	1.0	.2	.0	.0	.0	.0	.0	.0	5.6	7.8
ESE	.1	1.2	1.2	.6	.2	.0	.0	.0	.0	.0	.0	3.3	8.7
SE	.1	.7	1.1	.4	.0	.0	.0	.0	.0	.0	.0	2.3	8.0
SSE	.5	.4	1.1	.4	.2	.0	.0	.0	.0	.0	.0	2.6	8.2
S	.3	1.0	2.6	2.5	.3	.0	.0	.0	.0	.0	.0	6.6	10.0
SSW	.4	.9	2.6	3.8	.8	.2	.0	.0	.0	.0	.0	8.6	11.3
SW	.6	1.0	1.5	1.8	.7	.2	.0	.0	.0	.0	.0	5.7	10.5
WSW	.3	1.5	2.1	1.6	.3	.1	.0	.0	.0	.0	.0	5.8	9.9
W	.4	1.7	4.0	4.2	.8	.5	.0	.0	.0	.0	.0	11.5	11.1
WNW	.1	.7	2.6	4.2	1.2	.3	.0	.0	.0	.0	.0	9.1	12.7
NW	.4	1.1	2.5	2.0	.8	.2	.0	.0	.0	.0	.0	6.9	11.0
NNW	.3	.7	1.6	2.0	.6	.1	.0	.0	.0	.0	.0	5.2	11.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0
ALL	5.3	18.5	33.8	31.1	7.7	1.9	.0	.0	.0	.0	.0	100.0	10.1

TOTAL NO. OF OBS : 1012

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : APR
HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.2	.9	.9	1.0	.2	.0	.0	.0	.0	.0	.0	3.2	9.1
NNE	.3	1.3	2.8	1.5	.4	.1	.0	.0	.0	.0	.0	6.4	9.7
NE	.4	1.0	1.7	1.7	.3	.1	.0	.0	.0	.0	.0	5.2	10.0
ENE	.7	2.3	2.6	.9	.2	.2	.0	.0	.0	.0	.0	6.9	8.0
E	1.0	3.5	3.5	1.1	.1	.0	.0	.0	.0	.0	.0	9.2	7.1
ESE	.3	1.6	2.5	.9	.0	.0	.0	.0	.0	.0	.0	5.3	7.6
SE	.0	1.0	1.7	1.2	.0	.0	.0	.0	.0	.0	.0	3.9	8.9
SSE	.2	.9	1.1	1.3	.1	.0	.0	.0	.0	.0	.0	3.6	9.1
S	.6	.7	3.2	3.0	.4	.0	.0	.0	.0	.0	.0	7.9	10.1
SSW	.1	.8	3.2	6.2	1.1	.2	.0	.0	.0	.0	.0	11.6	12.1
SW	.1	.5	1.6	1.3	.4	.1	.0	.0	.0	.0	.0	4.0	10.9
WSW	.2	.5	1.1	.9	.2	.0	.0	.0	.0	.0	.0	2.9	9.5
W	.5	1.0	3.1	3.4	1.4	.1	.0	.0	.0	.0	.0	9.5	11.4
WNW	.2	.8	2.4	4.3	1.3	.2	.0	.0	.0	.0	.0	9.2	12.4
NW	.2	.8	2.2	3.2	.6	.3	.0	.0	.0	.0	.0	7.3	11.6
NNW	.1	.5	.8	1.0	.4	.1	.0	.0	.0	.0	.0	2.9	11.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0
ALL	5.1	18.1	34.4	32.9	7.1	1.4	.0	.0	.0	.0	.0	100.0	10.0

TOTAL NO. OF OBS : 1001

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

D14790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : APR
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.6	1.0	1.5	.9	.1	.1	.0	.0	.0	.0	.0	4.2	8.5
NNE	.6	1.5	1.3	.7	.2	.3	.0	.0	.0	.0	.0	4.6	8.8
NE	1.4	.9	1.0	.8	.5	.0	.0	.0	.0	.0	.0	4.6	7.9
ENE	.3	1.3	.7	.7	.1	.0	.0	.0	.0	.0	.0	3.1	7.6
E	2.1	1.8	.6	.3	.1	.0	.0	.0	.0	.0	.0	4.9	4.8
ESE	2.2	1.5	1.0	.1	.0	.0	.0	.0	.0	.0	.0	4.8	4.4
SE	1.4	1.6	.8	.3	.1	.0	.0	.0	.0	.0	.0	4.2	5.5
SSE	1.1	2.8	1.3	.6	.0	.1	.0	.0	.0	.0	.0	6.0	6.4
S	1.6	4.6	5.1	1.8	.0	.0	.0	.0	.0	.0	.0	13.1	7.1
SSW	.7	1.7	5.4	4.5	.4	.2	.0	.0	.0	.0	.0	12.9	9.9
SW	.7	.9	2.0	1.0	.2	.0	.0	.0	.0	.0	.0	4.8	8.3
WSW	.6	.3	.6	.3	.0	.0	.1	.0	.0	.0	.0	1.9	7.6
W	.3	2.1	2.9	1.6	.1	.0	.0	.0	.0	.0	.0	7.1	8.4
WNW	.4	1.8	2.4	2.5	.6	.0	.1	.0	.0	.0	.0	7.9	9.9
NW	.3	.9	2.0	1.8	.2	.0	.0	.0	.0	.0	.0	5.3	9.8
NNW	.2	.4	.5	1.3	.5	.0	.0	.0	.0	.0	.0	2.9	11.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	.0
ALL	14.6	25.4	29.2	19.4	3.1	.7	.2	.0	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 990

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.0	1.8	2.2	.4	.1	.0	.0	.0	.0	.0	.0	5.5	6.9
NNE	.9	1.2	.9	.9	.2	.3	.1	.0	.0	.0	.0	4.4	9.5
NE	.7	.5	1.1	.3	.3	.0	.0	.0	.0	.0	.0	2.9	8.5
ENE	.4	.2	.7	.7	.0	.1	.0	.0	.0	.0	.0	2.1	9.4
E	.8	.5	.4	.1	.1	.0	.0	.0	.0	.0	.0	2.0	6.1
ESE	.5	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.8	6.0
SE	.2	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.3	6.2
SSE	.7	1.0	.5	.3	.0	.0	.0	.0	.0	.0	.0	2.5	5.6
S	2.6	4.8	3.1	1.1	.1	.0	.0	.0	.0	.0	.0	11.7	6.2
SSW	2.0	3.7	5.2	3.0	.2	.1	.0	.0	.0	.0	.0	14.2	8.0
SW	.9	1.7	1.8	1.1	.0	.0	.0	.0	.0	.0	.0	5.5	7.1
WSW	1.1	1.4	1.0	.7	.0	.0	.0	.0	.0	.0	.0	4.1	6.5
W	1.5	3.8	3.1	.7	.1	.1	.0	.0	.0	.0	.0	9.3	6.7
WNW	1.1	1.7	2.2	1.5	.3	.0	.0	.0	.0	.0	.0	6.8	8.4
NW	.5	1.7	2.0	.9	.2	.1	.0	.0	.0	.0	.0	5.4	8.3
NNW	1.0	1.1	1.2	1.4	.5	.0	.0	.0	.0	.0	.0	5.2	8.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.2	.0
ALL	15.7	26.3	26.3	13.3	2.3	.8	.1	.0	.0	.0	.0	100.0	6.3

TOTAL NO. OF OBS : 923

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.8	1.8	2.3	.8	.2	.0*	.0	.0	.0	.0	.0	6.0	7.6
NNE	.6	1.4	2.1	1.5	.5	.2	.0*	.0	.0	.0	.0	6.3	9.8
NE	.6	1.2	1.7	1.2	.4	.1	.0	.0	.0	.0	.0	5.2	9.1
ENE	.4	1.0	1.1	.8	.2	.1	.0	.0	.0	.0	.0	3.6	8.9
E	.9	1.4	1.3	.6	.1	.0	.0	.0	.0	.0	.0	4.3	6.8
ESE	.5	1.0	.8	.3	.0*	.0	.0	.0	.0	.0	.0	2.6	6.6
SE	.4	.8	.7	.3	.0*	.0	.0	.0	.0	.0	.0	2.2	6.9
SSE	.7	1.0	.8	.5	.0*	.0*	.0	.0	.0	.0	.0	3.1	6.7
S	1.5	2.6	2.8	1.5	.2	.0	.0*	.0	.0	.0	.0	8.6	7.4
SSW	.9	2.0	3.6	3.0	.4	.1	.0	.0	.0	.0	.0	10.0	9.3
SW	.7	1.4	2.0	1.3	.3	.1	.0	.0	.0	.0	.0	5.8	8.7
WSW	.6	1.3	1.5	.8	.1	.0*	.0*	.0	.0	.0	.0	4.4	8.1
W	1.0	2.3	3.4	2.3	.5	.1	.0	.0	.0	.0	.0	9.6	8.9
WNW	.5	1.5	2.4	2.7	.7	.1	.0*	.0	.0	.0	.0	8.0	10.3
NW	.6	1.3	2.2	1.9	.4	.1	.0	.0	.0	.0	.0	6.5	9.5
NNW	.4	1.1	1.7	1.3	.4	.1	.0	.0	.0	.0	.0	5.1	9.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	.0
ALL	11.1	23.1	30.5	20.9	4.5	1.0	.1	.0	.0	.0	.0	100.0	7.9

TOTAL NO. OF OBS : 7563

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : APR
CLASS : ALL WEATHER — HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.8	49.9	50.1	50.9	51.4	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9	51.9
>=20000	22.0	52.0	52.2	53.0	53.5	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0
>=18000	22.0	52.0	52.2	53.0	53.5	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0
>=16000	22.0	52.0	52.2	53.0	53.5	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0
>=14000	22.1	52.2	52.5	53.2	53.7	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2
>=12000	23.5	54.1	54.4	55.1	55.6	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1
>=10000	24.3	56.8	57.2	58.1	58.6	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
>= 9000	24.6	57.5	57.8	58.8	59.3	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8
>= 8000	25.4	60.6	60.9	62.2	62.7	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2
>= 7000	25.9	63.3	63.7	65.0	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2	66.2
>= 6000	26.1	65.3	65.7	67.0	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2
>= 5000	26.7	67.7	68.3	69.7	70.3	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9
>= 4500	27.0	68.9	69.5	71.0	71.6	71.8	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
>= 4000	27.0	70.8	71.4	72.9	73.8	73.9	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5
>= 3500	27.2	71.5	72.3	73.8	74.6	74.8	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4
>= 3000	27.5	72.1	72.9	74.4	75.2	75.4	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1
>= 2500	27.7	73.5	74.4	75.9	76.7	76.9	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6
>= 2000	28.0	74.1	75.1	77.0	78.0	78.1	78.6	78.7	78.7	78.7	78.9	78.9	78.9	78.9	79.0	79.0
>= 1800	28.0	74.1	75.1	77.0	78.0	78.1	78.6	78.7	78.7	78.7	78.9	78.9	78.9	78.9	79.0	79.0
>= 1500	28.1	74.9	76.4	78.4	79.5	79.7	80.2	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.6	80.6
>= 1200	28.1	75.7	77.4	79.5	80.7	81.0	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8
>= 1000	28.5	77.2	79.0	81.6	83.0	83.2	83.8	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.5	84.5
>= 900	28.6	77.6	79.4	82.0	83.3	83.6	84.2	84.3	84.3	84.6	84.7	84.7	84.7	84.7	84.8	84.8
>= 800	28.6	78.1	80.1	82.8	84.2	84.5	85.3	85.6	85.6	85.8	85.9	85.9	85.9	85.9	86.1	86.1
>= 700	28.6	78.7	80.8	83.7	85.2	85.6	86.4	86.7	86.7	86.9	87.1	87.1	87.1	87.1	87.2	87.2
>= 600	28.6	79.0	81.3	84.5	86.2	86.6	87.6	87.8	87.8	88.1	88.2	88.2	88.2	88.2	88.3	88.3
>= 500	28.6	79.6	82.1	85.4	87.7	88.2	89.4	89.8	89.8	90.0	90.3	90.3	90.3	90.3	90.4	90.4
>= 400	28.6	79.7	82.7	86.4	88.8	89.6	91.3	91.8	91.8	92.2	92.7	92.7	92.7	92.7	92.8	92.8
>= 300	28.6	79.7	82.7	86.7	89.8	90.7	93.2	94.0	94.2	94.7	95.4	95.4	95.4	95.4	95.6	95.6
>= 200	28.6	79.7	82.7	86.8	89.9	90.8	93.5	94.5	94.8	95.5	96.4	96.5	97.3	97.3	97.8	97.8
>= 100	28.6	79.7	83.0	87.1	90.2	91.0	93.8	94.8	95.0	95.8	96.8	96.9	97.8	97.8	98.8	99.1
>= 0	28.6	79.7	83.0	87.1	90.2	91.0	93.8	94.8	95.0	95.8	96.8	96.9	97.9	97.9	99.0	100.0

TOTAL NO. OF OBS : 804

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : APR
CLASS : ALL WEATHER — HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.4	48.7	49.2	49.8	50.3	50.4	51.1	51.2	51.2	51.3	51.4	51.4	51.6	51.6	51.6	51.6
>=20000	21.9	51.2	51.7	52.3	52.8	52.9	53.5	53.7	53.7	53.8	53.9	53.9	54.0	54.0	54.0	54.0
>=18000	22.2	51.4	51.9	52.6	53.1	53.2	53.8	53.9	53.9	54.0	54.2	54.2	54.3	54.3	54.3	54.3
>=16000	22.2	51.4	51.9	52.6	53.1	53.2	53.8	53.9	53.9	54.0	54.2	54.2	54.3	54.3	54.3	54.3
>=14000	22.2	51.6	52.1	52.7	53.2	53.3	53.9	54.0	54.0	54.2	54.3	54.3	54.4	54.4	54.4	54.4
>=12000	22.9	52.8	53.3	53.9	54.4	54.5	55.2	55.3	55.3	55.4	55.5	55.5	55.7	55.7	55.7	55.7
>=10000	23.9	55.8	56.4	57.0	57.7	57.8	58.4	58.5	58.5	58.7	58.8	58.8	58.9	58.9	58.9	58.9
>= 9000	24.3	56.4	57.0	57.7	58.3	58.4	59.0	59.2	59.2	59.3	59.4	59.4	59.5	59.5	59.5	59.5
>= 8000	25.2	59.2	59.9	60.5	61.1	61.3	61.9	62.0	62.0	62.1	62.3	62.3	62.4	62.4	62.4	62.4
>= 7000	25.5	60.9	61.6	62.3	63.0	63.1	63.8	63.9	63.9	64.0	64.1	64.1	64.3	64.3	64.3	64.3
>= 6000	25.9	62.6	63.4	64.1	64.9	65.0	65.6	65.8	65.8	65.9	66.0	66.0	66.1	66.1	66.1	66.1
>= 5000	26.2	63.5	64.4	65.8	66.5	66.6	67.2	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.7
>= 4500	26.2	65.1	66.0	67.4	68.1	68.2	68.9	69.0	69.0	69.1	69.2	69.2	69.4	69.4	69.4	69.4
>= 4000	26.4	66.7	67.6	69.0	69.9	70.0	70.6	70.9	70.9	71.0	71.1	71.1	71.2	71.2	71.2	71.2
>= 3500	26.7	68.0	68.9	70.2	71.1	71.2	71.9	72.1	72.1	72.2	72.4	72.4	72.5	72.5	72.5	72.5
>= 3000	26.9	68.7	69.6	71.0	72.1	72.2	73.0	73.2	73.2	73.3	73.5	73.5	73.6	73.6	73.6	73.6
>= 2500	27.1	69.6	70.5	71.9	73.0	73.1	73.8	74.1	74.1	74.2	74.3	74.3	74.5	74.5	74.5	74.5
>= 2000	27.5	71.1	72.2	73.7	74.8	75.0	75.8	76.1	76.1	76.3	76.5	76.5	76.7	76.7	76.7	76.7
>= 1800	27.6	71.4	72.5	74.2	75.3	75.5	76.3	76.6	76.6	76.8	77.0	77.0	77.2	77.2	77.2	77.2
>= 1500	27.8	72.4	73.6	75.5	76.7	77.0	77.8	78.1	78.1	78.3	78.5	78.5	78.7	78.7	78.7	78.7
>= 1200	27.8	72.7	74.1	76.2	77.5	77.7	78.6	78.8	78.8	79.1	79.2	79.2	79.5	79.5	79.5	79.5
>= 1000	28.3	74.5	76.1	78.6	80.2	80.4	81.4	81.7	81.7	81.9	82.1	82.1	82.3	82.3	82.3	82.3
>= 900	28.3	74.6	76.2	78.7	80.4	80.7	81.8	82.1	82.1	82.3	82.4	82.4	82.7	82.7	82.7	82.7
>= 800	28.3	75.3	77.3	80.4	82.2	82.4	83.7	83.9	84.1	84.4	84.6	84.6	84.8	84.8	84.8	84.8
>= 700	28.3	75.6	77.6	80.7	82.7	83.1	84.3	84.7	84.8	85.2	85.3	85.3	85.6	85.6	85.6	85.6
>= 600	28.3	75.7	77.7	81.2	83.3	84.1	85.4	85.8	85.9	86.4	86.6	86.6	86.9	86.9	86.9	86.9
>= 500	28.4	76.2	78.8	82.7	85.2	85.9	87.8	88.3	88.4	89.0	89.3	89.3	89.8	89.8	89.8	89.8
>= 400	28.4	76.5	79.1	83.3	85.8	86.8	89.4	90.2	90.3	91.2	91.4	91.4	91.9	91.9	91.9	91.9
>= 300	28.4	76.5	79.2	83.9	86.7	88.0	91.0	92.0	92.2	93.3	93.6	93.6	94.3	94.3	94.3	94.3
>= 200	28.4	76.6	79.3	84.1	87.0	88.4	91.7	92.7	92.8	94.5	94.9	94.9	96.0	96.0	96.3	96.4
>= 100	28.4	76.6	79.3	84.1	87.0	88.7	92.0	93.2	93.3	95.1	95.5	95.5	96.9	97.1	97.6	98.9
>= 0	28.4	76.6	79.3	84.1	87.0	88.7	92.0	93.2	93.3	95.1	95.5	95.5	96.9	97.1	97.8	100.0

TOTAL NO. OF OBS : 803

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : APR
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.9	43.6	45.3	45.9	46.6	46.8	46.8	47.3	47.3	47.3	47.4	47.4	47.5	47.5	47.6	47.6
>=20000	24.0	47.1	48.8	49.4	50.2	50.4	50.4	50.9	50.9	50.9	51.0	51.0	51.2	51.2	51.3	51.3
>=18000	24.1	47.3	49.0	49.6	50.4	50.6	50.6	51.1	51.1	51.1	51.2	51.2	51.4	51.4	51.5	51.5
>=16000	24.3	47.5	49.2	49.8	50.6	50.8	50.8	51.3	51.3	51.3	51.4	51.4	51.6	51.6	51.7	51.7
>=14000	24.6	47.9	49.6	50.2	51.0	51.2	51.2	51.7	51.7	51.7	51.8	51.8	52.0	52.0	52.1	52.1
>=12000	25.2	49.6	51.4	52.0	52.8	53.0	53.0	53.5	53.5	53.5	53.6	53.6	53.8	53.8	53.9	53.9
>=10000	26.6	52.3	54.1	54.7	55.6	55.8	55.8	56.3	56.3	56.3	56.4	56.4	56.6	56.6	56.7	56.7
>= 9000	26.8	52.9	54.7	55.4	56.2	56.4	56.4	56.9	56.9	56.9	57.1	57.1	57.3	57.3	57.4	57.4
>= 8000	28.6	56.3	58.1	58.7	59.7	59.9	59.9	60.4	60.4	60.4	60.6	60.6	60.8	60.8	60.9	60.9
>= 7000	29.8	59.1	60.9	61.5	62.5	62.7	62.7	63.2	63.2	63.2	63.4	63.4	63.6	63.6	63.7	63.7
>= 6000	30.0	60.2	62.0	62.6	63.6	63.8	63.8	64.3	64.3	64.3	64.5	64.5	64.7	64.7	64.8	64.8
>= 5000	30.9	62.0	63.9	64.6	65.8	66.0	66.1	66.7	66.7	66.7	66.9	66.9	67.1	67.1	67.2	67.2
>= 4500	31.1	63.3	65.3	66.0	67.1	67.3	67.4	68.0	68.0	68.0	68.2	68.2	68.4	68.4	68.5	68.5
>= 4000	31.7	64.8	66.8	67.5	68.6	68.8	68.9	69.5	69.5	69.5	69.7	69.7	69.9	69.9	70.0	70.0
>= 3500	32.3	66.0	67.9	68.6	69.7	70.0	70.1	70.7	70.7	70.7	70.9	70.9	71.1	71.1	71.2	71.2
>= 3000	32.9	67.7	69.6	70.3	71.5	71.8	72.0	72.6	72.6	72.6	72.8	72.8	73.0	73.0	73.1	73.1
>= 2500	33.2	68.6	70.7	71.7	72.9	73.2	73.4	74.1	74.1	74.2	74.4	74.4	74.6	74.6	74.7	74.7
>= 2000	33.4	69.1	71.4	72.5	73.7	74.0	74.2	74.9	74.9	75.1	75.3	75.3	75.5	75.5	75.6	75.6
>= 1800	33.7	69.6	71.9	73.0	74.2	74.5	74.7	75.5	75.5	75.6	75.8	75.8	76.0	76.0	76.1	76.1
>= 1500	34.2	70.4	73.1	74.4	75.8	76.2	76.4	77.1	77.1	77.2	77.4	77.4	77.6	77.6	77.7	77.7
>= 1200	34.7	71.1	74.0	75.5	76.8	77.2	77.4	78.1	78.1	78.2	78.4	78.4	78.6	78.6	78.7	78.7
>= 1000	34.7	72.0	75.1	76.6	78.0	78.5	78.9	79.6	79.6	79.8	80.0	80.0	80.2	80.3	80.4	80.4
>= 900	34.8	72.5	75.7	77.4	78.9	79.5	79.9	80.7	80.7	80.9	81.1	81.1	81.3	81.4	81.5	81.5
>= 800	35.1	73.6	76.9	78.6	80.3	80.9	81.5	82.4	82.4	82.6	82.8	82.8	83.0	83.2	83.3	83.3
>= 700	35.3	74.0	77.5	79.2	81.1	81.7	82.5	83.4	83.4	83.6	83.8	83.8	84.0	84.2	84.3	84.3
>= 600	35.4	74.4	78.0	80.3	82.7	83.3	84.2	85.4	85.4	85.8	86.2	86.2	86.4	86.6	86.7	86.7
>= 500	35.4	74.7	78.8	81.3	84.3	84.9	87.0	88.7	88.8	89.2	89.8	89.8	90.0	90.2	90.3	90.3
>= 400	35.4	74.8	78.9	81.5	85.1	85.9	88.4	90.6	90.7	91.6	92.4	92.4	92.6	92.8	93.0	93.0
>= 300	35.4	74.9	79.0	81.7	85.5	86.3	89.1	91.6	91.8	93.3	94.5	94.5	94.9	95.2	95.4	95.5
>= 200	35.4	74.9	79.0	81.7	85.6	86.4	89.4	92.1	92.3	94.3	96.0	96.0	96.6	96.8	97.5	98.1
>= 100	35.4	74.9	79.0	81.7	85.6	86.4	89.4	92.1	92.3	94.3	96.0	96.0	97.1	97.6	98.8	99.7
>= 0	35.4	74.9	79.0	81.7	85.6	86.4	89.4	92.1	92.3	94.3	96.0	96.0	97.1	97.6	98.8	100.0

TOTAL NO. OF OBS : 990

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : APR
CLASS : ALL WEATHER — HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	26.5	45.7	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
>=20000	27.0	48.0	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
>=18000	27.0	48.1	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
>=16000	27.2	48.3	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
>=14000	27.5	48.8	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
>=12000	28.1	50.3	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
>=10000	29.4	52.6	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
>= 9000	29.6	53.3	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
>= 8000	30.7	56.0	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
>= 7000	31.3	57.7	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
>= 6000	31.7	58.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
>= 5000	33.0	60.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
>= 4500	33.3	62.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
>= 4000	35.4	66.0	67.0	67.2	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
>= 3500	36.3	67.5	68.5	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
>= 3000	38.2	71.6	72.7	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
>= 2500	39.0	73.7	74.9	75.3	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
>= 2000	39.5	76.0	77.4	77.8	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
>= 1800	39.8	76.7	78.1	78.5	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>= 1500	40.5	78.5	80.3	81.1	81.4	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
>= 1200	41.0	79.8	81.6	82.7	83.1	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
>= 1000	41.1	80.8	82.8	84.1	84.7	84.8	85.1	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6
>= 900	41.1	81.2	83.3	84.7	85.4	85.5	85.8	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3
>= 800	41.3	82.1	84.7	86.2	87.1	87.3	87.9	88.3	88.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6
>= 700	41.4	82.4	85.0	86.8	87.9	88.2	89.1	89.6	89.6	89.8	89.8	89.8	89.9	89.9	89.9	89.9
>= 600	41.4	82.7	85.4	87.2	88.9	89.5	90.8	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8
>= 500	41.4	83.1	86.1	88.3	90.7	91.5	93.2	94.1	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.7
>= 400	41.4	83.1	86.1	88.4	91.3	92.3	94.9	96.2	96.3	97.0	97.0	97.0	97.2	97.2	97.2	97.2
>= 300	41.4	83.1	86.1	88.4	91.3	92.3	95.0	96.9	97.0	98.0	98.4	98.5	98.8	98.8	98.9	98.9
>= 200	41.4	83.1	86.1	88.4	91.3	92.3	95.0	97.1	97.2	98.3	98.7	98.8	99.1	99.4	99.8	99.9
>= 100	41.4	83.1	86.1	88.4	91.3	92.3	95.0	97.1	97.2	98.3	98.7	98.8	99.1	99.4	99.9	100.0
>= 0	41.4	83.1	86.1	88.4	91.3	92.3	95.0	97.1	97.2	98.3	98.7	98.8	99.1	99.4	99.9	100.0

TOTAL NO. OF OBS : 1000

MOORE BUSINESS FORMS INC

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : APR
CLASS : ALL WEATHER — HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.9	44.1	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
>=20000	26.8	47.7	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
>=18000	26.9	47.9	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
>=16000	26.9	47.9	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
>=14000	27.4	48.7	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
>=12000	28.2	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
>=10000	29.9	53.1	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
>= 9000	30.1	53.4	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>= 8000	30.9	55.7	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
>= 7000	31.3	56.9	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
>= 6000	32.1	58.2	58.5	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
>= 5000	33.9	61.1	61.4	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>= 4500	35.6	63.6	64.0	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>= 4000	38.0	68.4	69.0	69.2	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
>= 3500	39.0	70.9	71.4	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>= 3000	40.4	74.8	75.4	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
>= 2500	40.8	77.8	78.6	79.1	79.2	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
>= 2000	41.3	79.4	80.4	81.0	81.3	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
>= 1800	41.6	80.0	81.1	81.8	82.0	82.3	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>= 1500	42.6	82.5	83.7	84.7	85.0	85.5	85.5	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
>= 1200	43.0	83.8	85.1	86.2	86.6	87.1	87.1	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>= 1000	43.1	84.4	85.9	87.2	87.9	88.4	88.5	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
>= 900	43.2	84.9	86.4	87.7	88.5	89.0	89.1	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
>= 800	43.4	85.7	87.2	88.7	89.6	90.3	90.5	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
>= 700	43.5	86.0	87.6	89.2	90.2	91.1	91.3	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
>= 600	43.5	86.2	88.1	89.8	90.9	92.0	92.4	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
>= 500	43.5	86.8	88.7	90.5	92.3	93.6	94.6	95.7	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5
>= 400	43.5	86.8	88.8	90.7	92.5	94.0	95.0	97.0	97.4	98.1	98.3	98.4	98.4	98.4	98.4	98.4
>= 300	43.5	86.8	88.8	90.7	92.6	94.1	95.1	97.6	98.1	98.9	99.3	99.4	99.7	99.8	99.9	99.9
>= 200	43.5	86.8	88.8	90.7	92.6	94.1	95.1	97.6	98.1	98.9	99.3	99.4	99.8	99.9	100.0	100.0
>= 100	43.5	86.8	88.8	90.7	92.6	94.1	95.1	97.6	98.1	98.9	99.3	99.4	99.8	99.9	100.0	100.0
>= 0	43.5	86.8	88.8	90.7	92.6	94.1	95.1	97.6	98.1	98.9	99.3	99.4	99.8	99.9	100.0	100.0

TOTAL NO. OF OBS : 992

2 - CEILING VS VISIBILITY

G14790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : APR
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	26.8	44.6	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
>=20000	28.2	48.5	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
>=18000	28.2	48.6	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
>=16000	28.2	48.6	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
>=14000	28.6	49.1	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
>=12000	29.0	50.1	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
>=10000	31.1	53.9	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
>= 9000	31.4	54.6	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
>= 8000	32.6	57.5	58.1	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
>= 7000	33.0	59.5	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
>= 6000	33.9	61.6	62.2	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
>= 5000	36.9	65.9	66.5	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>= 4500	37.7	67.5	68.0	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
>= 4000	40.1	71.3	71.8	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>= 3500	41.1	74.2	74.8	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
>= 3000	42.2	77.7	78.6	79.5	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
>= 2500	42.4	79.3	80.3	81.2	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
>= 2000	42.9	80.9	81.9	83.0	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
>= 1800	43.2	81.3	82.4	83.4	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
>= 1500	43.7	82.8	83.8	84.8	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
>= 1200	43.9	83.4	84.5	85.5	86.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
>= 1000	44.2	84.4	85.6	87.0	88.0	88.2	88.6	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
>= 900	44.3	84.7	85.9	87.4	88.4	88.6	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
>= 800	44.3	85.3	86.9	88.5	89.8	90.1	90.7	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
>= 700	44.3	85.6	87.2	89.0	90.6	91.0	91.7	91.9	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
>= 600	44.4	86.1	87.7	89.7	91.7	92.1	93.1	93.6	93.9	94.3	94.6	94.6	94.6	94.6	94.6	94.6
>= 500	44.4	86.3	87.9	90.1	92.3	92.8	94.4	95.1	95.4	95.8	96.1	96.1	96.1	96.1	96.1	96.1
>= 400	44.4	86.4	88.1	90.4	92.6	93.1	95.3	96.6	96.9	97.6	98.1	98.1	98.1	98.1	98.1	98.1
>= 300	44.4	86.4	88.1	90.4	92.6	93.1	95.6	97.1	97.5	98.3	98.9	98.9	99.0	99.0	99.0	99.0
>= 200	44.4	86.4	88.1	90.4	92.6	93.1	95.6	97.2	97.6	98.5	99.3	99.3	99.5	99.6	99.6	99.6
>= 100	44.4	86.4	88.1	90.4	92.6	93.1	95.6	97.2	97.6	98.5	99.3	99.4	99.7	99.8	99.9	100.0
>= 0	44.4	86.4	88.1	90.4	92.6	93.1	95.6	97.2	97.6	98.5	99.3	99.4	99.7	99.8	99.9	100.0

TOTAL NO. OF OBS : 975

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : APR
CLASS : ALL WEATHER — HOUR : 1900 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	26.9	46.9	47.5	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
>=20000	27.6	49.8	50.4	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
>=18000	27.7	49.9	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
>=16000	27.7	49.9	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
>=14000	28.1	50.5	51.0	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
>=12000	28.9	52.6	53.2	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=10000	30.2	55.1	55.9	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>= 9000	30.8	56.2	57.0	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
>= 8000	32.3	59.7	60.6	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>= 7000	32.6	61.5	62.5	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>= 6000	32.9	62.8	63.9	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
>= 5000	34.3	66.1	67.2	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
>= 4500	34.8	67.6	68.8	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
>= 4000	35.8	70.3	71.7	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>= 3500	36.3	71.9	73.2	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
>= 3000	37.0	74.1	75.8	76.7	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
>= 2500	37.1	75.3	76.9	77.9	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>= 2000	37.5	76.3	78.0	78.9	79.3	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
>= 1800	37.5	76.4	78.1	79.0	79.4	79.6	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
>= 1500	37.9	78.0	80.1	81.3	81.7	82.1	82.3	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
>= 1200	38.2	79.1	81.4	82.8	83.2	83.6	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
>= 1000	38.3	80.3	82.6	84.1	84.5	85.0	85.8	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
>= 900	38.3	80.3	82.7	84.3	84.9	85.5	86.2	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
>= 800	38.3	80.7	83.4	85.0	85.8	86.6	87.5	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4
>= 700	38.3	80.8	83.6	85.5	86.4	87.2	88.5	89.1	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4
>= 600	38.3	81.1	84.0	86.0	87.0	88.2	89.6	90.4	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0
>= 500	38.3	81.2	84.2	86.9	88.4	89.8	91.3	92.3	92.5	93.0	93.4	93.4	93.4	93.4	93.4	93.4
>= 400	38.3	81.3	84.4	87.2	88.9	90.4	92.4	94.2	94.5	95.0	95.4	95.4	95.4	95.4	95.4	95.4
>= 300	38.4	81.5	84.6	87.4	89.2	90.8	93.5	96.1	96.4	97.2	97.9	97.9	98.0	98.0	98.0	98.0
>= 200	38.4	81.5	84.7	87.5	89.4	91.0	93.7	96.4	96.7	97.5	98.7	98.7	99.2	99.3	99.4	99.4
>= 100	38.4	81.5	84.7	87.5	89.4	91.0	93.7	96.4	96.7	97.5	98.7	98.7	99.3	99.6	99.8	100.0
>= 0	38.4	81.5	84.7	87.5	89.4	91.0	93.7	96.4	96.7	97.5	98.7	98.7	99.3	99.6	99.8	100.0

TOTAL NO. OF OBS : 963

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : APR
CLASS : ALL WEATHER — HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.1	49.4	49.8	50.2	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7
>=20000	25.4	51.7	52.1	52.6	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1
>=18000	25.4	51.7	52.1	52.6	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1
>=16000	25.5	51.8	52.2	52.7	52.9	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2
>=14000	26.2	52.5	52.9	53.3	53.6	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9
>=12000	27.4	54.2	54.9	55.3	55.5	55.5	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
>=10000	28.8	57.2	57.8	58.4	58.6	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
>= 9000	29.4	58.2	58.8	59.4	59.6	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0
>= 8000	30.2	62.5	63.2	63.9	64.1	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
>= 7000	30.8	64.0	64.6	65.4	65.6	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0
>= 6000	31.2	66.6	67.4	68.2	68.6	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0
>= 5000	32.6	69.3	70.3	71.2	71.5	71.5	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0
>= 4500	32.9	70.1	71.1	72.0	72.3	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
>= 4000	33.3	72.1	73.3	74.3	74.6	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
>= 3500	33.5	72.9	74.2	75.1	75.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
>= 3000	33.8	74.2	75.8	76.8	77.1	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
>= 2500	34.1	75.4	77.2	78.4	78.8	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2
>= 2000	34.4	76.6	78.8	80.1	80.4	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8
>= 1800	34.5	77.0	79.2	80.5	80.8	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
>= 1500	34.7	78.3	80.7	82.1	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9
>= 1200	34.9	79.1	81.7	83.2	83.6	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2
>= 1000	35.0	79.8	82.6	84.2	84.6	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
>= 900	35.0	80.0	82.7	84.3	84.9	85.2	85.5	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0
>= 800	35.0	80.1	83.1	85.0	85.5	86.0	86.5	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	87.0
>= 700	35.0	80.5	83.6	85.7	86.3	86.7	87.3	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8
>= 600	35.0	81.2	84.3	86.7	88.1	88.7	89.3	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.9
>= 500	35.0	81.4	84.9	87.4	89.4	90.3	90.9	91.2	91.3	91.8	91.9	91.9	91.9	91.9	91.9	92.0
>= 400	35.0	81.6	85.3	88.2	90.9	92.0	92.9	93.4	93.5	94.4	94.5	94.5	94.6	94.6	94.6	94.7
>= 300	35.0	81.6	85.3	88.3	91.1	92.4	93.4	94.2	94.4	95.4	95.5	95.5	95.7	95.7	95.7	95.8
>= 200	35.0	81.6	85.4	88.4	91.2	92.8	94.0	94.9	95.2	96.3	96.6	96.6	97.4	97.5	97.6	97.8
>= 100	35.0	81.6	85.4	88.4	91.2	92.9	94.1	95.0	95.3	96.4	96.8	96.8	97.9	98.0	98.7	99.3
>= 0	35.0	81.6	85.4	88.4	91.2	92.9	94.1	95.0	95.3	96.4	96.8	96.8	98.0	98.2	99.0	100.0

TOTAL NO. OF OBS : 913

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : APR
CLASS : ALL WEATHER — HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.8	46.5	47.0	47.4	47.7	47.7	47.8	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0
>=20000	25.5	49.4	50.0	50.4	50.6	50.7	50.8	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0
>=18000	25.6	49.5	50.1	50.5	50.8	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1
>=16000	25.7	49.6	50.1	50.6	50.8	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2
>=14000	26.0	50.0	50.6	51.0	51.3	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7
>=12000	26.8	51.6	52.2	52.7	52.9	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3
>=10000	28.2	54.5	55.2	55.7	56.0	56.0	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3
>= 9000	28.5	55.2	55.9	56.4	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.1
>= 8000	29.7	58.3	59.1	59.6	60.0	60.0	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.4
>= 7000	30.2	60.2	61.0	61.6	61.9	62.0	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.4
>= 6000	30.7	61.8	62.7	63.3	63.6	63.7	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1
>= 5000	32.1	64.5	65.4	66.1	66.5	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9
>= 4500	32.6	65.9	66.9	67.6	68.0	68.0	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4
>= 4000	33.8	68.8	69.8	70.5	71.0	71.1	71.2	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5
>= 3500	34.4	70.3	71.4	72.1	72.6	72.7	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2
>= 3000	35.2	72.7	73.9	74.8	75.3	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
>= 2500	35.6	74.2	75.6	76.5	77.1	77.2	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7
>= 2000	36.0	75.6	77.0	78.1	78.7	78.9	79.1	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5
>= 1800	36.1	76.0	77.4	78.5	79.2	79.3	79.6	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	80.0
>= 1500	36.6	77.4	79.1	80.4	81.1	81.4	81.6	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.1	82.1
>= 1200	36.9	78.3	80.2	81.6	82.3	82.6	83.0	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4
>= 1000	37.1	79.3	81.4	83.0	84.0	84.3	84.7	85.0	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.3
>= 900	37.1	79.6	81.7	83.4	84.5	84.8	85.3	85.6	85.6	85.8	85.9	85.9	85.9	85.9	86.0	86.0
>= 800	37.2	80.3	82.6	84.5	85.7	86.1	86.8	87.2	87.3	87.4	87.5	87.5	87.6	87.6	87.6	87.7
>= 700	37.3	80.6	83.0	85.1	86.4	86.9	87.8	88.2	88.3	88.5	88.6	88.6	88.6	88.7	88.7	88.7
>= 600	37.3	81.0	83.5	85.8	87.5	88.2	89.2	89.8	89.9	90.1	90.3	90.3	90.4	90.4	90.4	90.4
>= 500	37.3	81.3	84.1	86.7	88.9	89.8	91.2	92.0	92.2	92.6	92.9	92.9	93.0	93.0	93.0	93.0
>= 400	37.3	81.4	84.3	87.1	89.6	90.6	92.5	93.9	94.1	94.8	95.1	95.1	95.3	95.3	95.3	95.3
>= 300	37.3	81.5	84.4	87.3	89.9	91.0	93.3	95.0	95.3	96.2	96.8	96.8	97.1	97.1	97.2	97.2
>= 200	37.3	81.5	84.4	87.3	90.0	91.2	93.5	95.4	95.7	96.8	97.6	97.6	98.2	98.3	98.6	98.7
>= 100	37.3	81.5	84.4	87.4	90.1	91.2	93.6	95.5	95.8	96.9	97.7	97.8	98.5	98.7	99.2	99.7
>= 0	37.3	81.5	84.4	87.4	90.1	91.2	93.6	95.5	95.8	96.9	97.7	97.8	98.5	98.7	99.3	100.0

TOTAL NO. OF OBS : 7440

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : MAY
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.6	2.7	1.6	.6	.1	.0	.0	.0	.0	.0	.0	6.6	6.4
NNE	.9	1.5	1.7	.7	.2	.0	.0	.0	.0	.0	.0	5.1	7.5
NE	.8	1.2	1.0	.5	.0	.1	.0	.0	.0	.0	.0	3.6	7.5
ENE	.7	.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	1.9	6.5
E	.6	.5	.2	.0	.1	.0	.0	.0	.0	.0	.0	1.4	5.3
ESE	.8	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.0	3.7
SE	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.8
SSE	1.3	.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.1
S	5.2	5.1	2.1	.2	.0	.0	.0	.0	.0	.0	.0	12.6	4.5
SSW	3.6	5.2	4.5	1.0	.1	.0	.0	.0	.0	.0	.0	14.5	6.1
SW	1.4	3.4	2.3	.6	.0	.0	.0	.0	.0	.0	.0	7.6	6.1
WSW	.9	1.4	.7	.6	.0	.0	.0	.0	.0	.0	.0	3.6	6.2
W	2.1	2.7	.8	.5	.1	.0	.0	.0	.0	.0	.0	6.1	5.1
WNW	.9	1.4	1.2	.6	.0	.0	.0	.0	.0	.0	.0	4.1	6.5
NW	1.4	1.6	.9	.3	.0	.0	.0	.0	.0	.0	.0	4.3	5.6
NNW	1.2	1.7	1.0	.7	.1	.1	.0	.0	.0	.0	.0	4.9	6.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19.0	.0
ALL	24.0	30.0	19.4	6.6	.8	.2	.0	.0	.0	.0	.0	100.0	4.8

TOTAL NO. OF OBS : 863

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

U14790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : MAY
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.4	2.8	1.5	.6	.5	.0	.0	.0	.0	.0	.0	6.7	6.7
NNE	.8	3.4	1.4	.9	.0	.0	.0	.0	.0	.0	.0	6.5	6.3
NE	1.0	1.2	1.2	.8	.0	.1	.0	.0	.0	.0	.0	4.3	7.3
ENE	.5	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.5	6.8
E	.2	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.4
ESE	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.6
SE	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.8
SSE	.8	1.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.6
S	4.8	4.6	2.2	.5	.0	.0	.0	.0	.0	.0	.0	12.1	4.7
SSW	2.6	4.5	2.9	.8	.1	.0	.0	.0	.0	.0	.0	10.9	6.0
SW	1.0	3.2	2.2	.2	.0	.0	.0	.0	.0	.0	.0	6.7	6.1
WSW	.9	.9	1.3	.2	.0	.0	.0	.0	.0	.0	.0	3.4	6.0
W	1.5	2.9	2.3	.2	.0	.0	.0	.0	.0	.0	.0	7.0	5.6
WNW	1.3	1.9	1.5	.2	.0	.0	.0	.0	.0	.0	.0	4.9	5.9
NW	.7	2.4	.9	.5	.0	.0	.0	.0	.0	.0	.0	4.5	6.2
NNW	1.7	.9	.8	.6	.1	.0	.0	.0	.0	.0	.0	4.2	6.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22.0	.0
ALL	19.8	31.3	20.1	5.9	.7	.1	.0	.0	.0	.0	.0	100.0	4.6

TOTAL NO. OF OBS : 862

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.9	3.1	2.8	1.3	.1	.0	.0	.0	.0	.0	.0	8.2	7.3
NNE	1.2	2.9	1.2	1.3	.2	.1	.0	.0	.0	.0	.0	6.8	7.4
NE	.9	2.1	2.5	.8	.2	.0	.0	.0	.0	.0	.0	6.5	7.5
ENE	.6	.6	1.3	.4	.3	.0	.0	.0	.0	.0	.0	3.1	8.3
E	.7	.9	.6	.0	.1	.0	.0	.0	.0	.0	.0	2.2	5.6
ESE	.5	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.2
SE	.4	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.4
SSE	1.1	1.5	.6	.3	.0	.0	.0	.0	.0	.0	.0	3.4	5.3
S	2.9	4.6	2.2	.5	.0	.0	.0	.0	.0	.0	.0	10.2	5.3
SSW	2.2	4.2	3.2	1.7	.0	.0	.0	.0	.0	.0	.0	11.3	6.5
SW	1.4	1.8	3.6	1.3	.1	.0	.0	.0	.0	.0	.0	8.1	7.6
WSW	1.2	1.7	1.9	.4	.0	.0	.0	.0	.0	.0	.0	5.1	6.3
W	.9	2.1	2.9	.8	.2	.0	.0	.0	.0	0	.0	6.8	7.4
WNW	.8	2.1	2.4	1.1	.1	.0	.0	.0	.0	.0	.0	6.5	7.7
NW	.4	2.0	2.1	1.4	.1	.0	.0	.0	.0	.0	.0	5.9	8.2
NNW	.9	1.7	2.7	1.1	.2	.0	.0	.0	.0	.0	.0	6.5	7.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	.0
ALL	16.8	32.3	31.1	12.1	1.6	.1	.0	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

G14790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.4	2.2	2.0	.6	.0	.0	.0	.0	.0	.0	.0	6.2	6.3
NNE	.6	2.5	3.3	2.2	.3	.0	.0	.0	.0	.0	.0	8.8	8.7
NE	.7	1.6	3.0	1.2	.4	.0	.0	.0	.0	.0	.0	6.9	8.6
ENE	.2	1.0	1.6	.7	.0	.0	.0	.0	.0	.0	.0	3.5	8.3
E	.8	1.9	.6	.5	.1	.0	.0	.0	.0	.0	.0	3.8	6.3
ESE	.8	1.1	1.0	.3	.0	.0	.0	.0	.0	.0	.0	3.1	6.0
SE	.3	.7	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.1
SSE	1.2	1.0	.9	.4	.0	.0	.0	.0	.0	.0	.0	3.4	5.7
S	1.1	3.1	3.7	1.0	.1	.0	.0	.0	.0	.0	.0	8.8	7.0
SSW	.7	2.0	4.6	3.2	.3	.1	.0	.0	.0	.0	.0	10.9	9.2
SW	.8	1.6	3.0	2.1	.0	.0	.0	.0	.0	.0	.0	7.5	8.5
WSW	.5	1.8	2.4	1.0	.1	.0	.0	.0	.0	.0	.0	5.8	8.1
W	1.0	2.3	3.8	2.2	.3	.1	.0	.0	.0	.0	.0	9.7	8.6
WNW	.9	1.5	2.3	1.6	.4	.0	.0	.0	.0	.0	.0	6.7	8.7
NW	.5	.7	1.2	1.9	.3	.0	.0	.0	.0	.0	.0	4.6	9.8
NNW	.8	1.6	1.7	1.4	.3	.0	.0	.0	.0	.0	.0	5.9	8.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	.0
ALL	11.9	26.6	36.0	20.3	2.5	.2	.0	.0	.0	.0	.0	100.0	7.9

TOTAL NO. OF OBS : 1041

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : MAY
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.9	1.8	1.3	.9	.2	.0	.0	.0	.0	.0	.0	5.1	7.3
NNE	.7	1.8	2.9	1.2	.2	.0	.0	.0	.0	.0	.0	6.8	8.4
NE	1.0	2.8	2.6	1.6	.0	.1	.0	.0	.0	.0	.0	8.1	7.9
ENE	.7	1.8	2.0	1.1	.1	.0	.0	.0	.0	.0	.0	5.7	7.8
E	1.2	1.7	1.6	.7	.0	.0	.0	.0	.0	.0	.0	5.3	6.4
ESE	.2	1.5	1.4	.4	.0	.0	.0	.0	.0	.0	.0	3.6	7.2
SE	.5	.8	1.2	.2	.0	.0	.0	.0	.0	.0	.0	2.6	6.9
SSE	.2	1.2	1.2	.2	.0	.0	.0	.0	.0	.0	.0	2.8	7.0
S	.3	2.5	3.5	2.3	.6	.0	.0	.0	.0	.0	.0	9.1	9.3
SSW	.4	1.7	4.0	5.0	.9	.0	.0	.0	.0	.0	.0	12.0	10.6
SW	.2	1.4	2.2	3.2	.5	.0	.0	.0	.0	.0	.0	7.5	10.2
WSW	.3	1.0	2.7	1.9	.1	.0	.0	.0	.0	.0	.0	6.0	9.3
W	.3	1.8	2.8	2.7	.7	.0	.0	.0	.0	.0	.0	8.3	10.0
WNW	.4	1.0	2.5	2.5	.4	.0	.0	.0	.0	.0	.0	6.7	10.0
NW	.3	.8	1.6	1.4	.7	.0	.0	.0	.0	.0	.0	4.8	10.8
NNW	.6	.9	1.2	.9	.3	.1	.0	.0	.0	.0	.0	3.8	9.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	.0
ALL	8.0	24.6	34.7	26.1	4.5	.2	.0	.0	.0	.0	.0	100.0	8.8

TOTAL NO. OF OBS : 1041

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.7	.9	1.5	.7	.2	.0	.0	.0	.0	.0	.0	3.9	8.0
NNE	.4	1.6	2.9	.5	.2	.1	.0	.0	.0	.0	.0	5.7	8.0
NE	.1	2.3	1.5	.9	.1	.2	.0	.0	.0	.0	.0	5.1	8.5
ENE	.7	2.6	1.8	.4	.2	.0	.0	.0	.0	.0	.0	5.7	6.9
E	.4	4.0	2.9	.4	.0	.0	.0	.0	.0	.0	.0	7.6	6.8
ESE	.7	2.7	2.6	.7	.0	.0	.0	.0	.0	.0	.0	6.7	6.8
SE	.5	1.3	2.3	.3	.0	.0	.0	.0	.0	.0	.0	4.4	7.1
SSE	.3	1.0	1.2	.4	.0	.0	.0	.0	.0	.0	.0	2.8	7.1
S	.3	1.7	5.8	3.5	.5	.0	.0	.0	.0	.0	.0	11.8	9.7
SSW	.4	.5	5.7	7.7	1.4	.1	.0	.0	.0	.0	.0	15.8	11.8
SW	.0	.3	1.6	2.3	.4	.0	.0	.0	.0	.0	.0	4.6	11.9
WSW	.1	.3	1.2	1.4	.0	.0	.0	.0	.0	.0	.0	2.9	9.9
W	.3	1.1	3.7	2.6	.2	.0	.0	.0	.0	.0	.0	7.8	9.7
WNW	.4	1.0	1.5	2.6	.2	.1	.0	.0	.0	.0	.0	5.8	10.5
NW	.2	1.1	1.6	1.3	.4	.1	.0	.0	.0	.0	.0	4.6	10.0
NNW	.3	.9	1.0	1.4	.1	.0	.0	.0	.0	.0	.0	3.6	9.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0
ALL	5.6	23.1	38.9	26.9	3.8	.6	.0	.0	.0	.0	.0	100.0	9.1

TOTAL NO. OF OBS : 1033

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : MAY
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.9	1.6	1.3	.2	.0	.1	.0	.0	.0	.0	.0	4.0	6.3
NNE	1.1	1.7	1.3	1.1	.1	.0	.0	.0	.0	.0	.0	5.2	7.2
NE	1.0	2.2	1.3	.4	.1	.0	.0	.0	.0	.0	.0	4.9	6.0
ENE	1.0	1.7	.7	.1	.0	.1	.0	.0	.0	.0	.0	3.5	5.5
E	1.9	1.7	.6	.0	.1	.0	.0	.0	.0	.0	.0	4.2	4.4
ESE	1.5	1.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	3.7	4.8
SE	2.0	1.0	.7	.3	.0	.0	.0	.0	.0	.0	.0	3.9	4.8
SSE	1.9	2.5	1.4	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.0
S	1.8	7.4	7.2	2.0	.0	.0	.0	.0	.0	.0	.0	18.4	6.7
SSW	.4	3.4	9.4	4.9	.1	.0	.0	.0	.0	.0	.0	18.2	9.0
SW	.3	1.2	2.0	.8	.1	.0	.0	.0	.0	.0	.0	4.3	8.3
WSW	.8	.7	.4	.2	.0	.0	.0	.0	.0	.0	.0	2.1	5.3
W	1.0	2.2	1.2	.8	.0	.0	.0	.0	.0	.0	.0	5.2	6.6
WNW	.?	.6	.7	1.4	.1	.0	.0	.0	.0	.0	.0	3.6	8.6
NW	.0	1.9	1.0	.9	.1	.0	.0	.0	.0	.0	.0	3.8	8.2
NNW	.2	.7	.9	.8	.0	.0	.0	.0	.0	.0	.0	2.5	8.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	.0
ALL	16.3	31.7	30.5	13.9	.7	.2	.0	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : MAY
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.7	2.5	2.2	.4	.1	.0	.0	.0	.0	.0	.0	7.0	6.3
NNE	1.2	1.3	1.2	.3	.1	.0	.0	.0	.0	.0	.0	4.2	6.2
NE	1.2	1.2	.7	.3	.1	.1	.0	.0	.0	.0	.0	3.7	6.4
ENE	1.0	.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.5
E	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.3
ESE	.4	.8	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.4	5.2
SE	.9	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.5
SSE	1.1	1.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.3
S	4.7	7.0	3.7	.6	.0	.0	.0	.0	.0	.0	.0	15.8	5.2
SSW	3.1	7.3	6.3	1.3	.1	.0	.0	.0	.0	.0	.0	18.2	6.5
SW	1.4	2.5	3.4	.6	.1	.0	.0	.0	.0	.0	.0	8.1	6.7
WSW	.7	.7	1.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.5
W	1.4	1.7	1.4	.4	.0	.0	.0	.0	.0	.0	.0	5.0	5.7
WNW	.7	.8	.9	.3	.2	.0	.0	.0	.0	.0	.0	2.9	7.8
NW	.9	1.1	.6	.9	.0	.0	.0	.0	.0	.0	.0	3.4	7.0
NNW	.3	.9	.7	.6	.2	.0	.0	.0	.0	.0	.0	2.7	8.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.9	.0
ALL	21.2	31.1	23.8	5.8	1.1	.1	.0	.0	.0	.0	.0	100.0	5.0

TOTAL NO. OF OBS : 903

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	2.2	1.8	.7	.1	.0*	.0	.0	.0	.0	.0	5.9	6.8
NNE	.8	2.1	2.0	1.1	.2	.0*	.0	.0	.0	.0	.0	6.2	7.6
NE	.8	1.8	1.8	.8	.1	.1	.0	.0	.0	.0	.0	5.5	7.6
ENE	.7	1.2	1.2	.4	.1	.0*	.0	.0	.0	.0	.0	3.5	7.1
E	.8	1.5	1.0	.2	.1	.0	.0	.0	.0	.0	.0	3.5	6.0
ESE	.7	1.1	.9	.2	.0*	.0	.0	.0	.0	.0	.0	2.9	6.0
SE	.7	.7	.8	.1	.0	.0	.0	.0	.0	.0	.0	2.3	5.8
SSE	1.0	1.4	.8	.2	.0	.0	.0	.0	.0	.0	.0	3.3	5.4
S	2.5	4.4	3.9	1.4	.2	.0	.0	.0	.0	.0	.0	12.3	6.5
SSW	1.6	3.5	5.1	3.3	.4	.0*	.0	.0	.0	.0	.0	13.9	8.4
SW	.8	1.9	2.5	1.4	.2	.0	.0	.0	.0	.0	.0	6.8	8.1
WSW	.7	1.1	1.5	.7	.0*	.0	.0	.0	.0	.0	.0	3.9	7.4
W	1.0	2.1	2.4	1.3	.2	.0*	.0	.0	.0	.0	.0	7.0	7.7
WNW	.8	1.3	1.7	1.3	.2	.0*	.0	.0	.0	.0	.0	5.2	8.5
NW	.5	1.4	1.3	1.1	.2	.0*	.0	.0	.0	.0	.0	4.5	8.4
NNW	.7	1.2	1.3	.9	.2	.0*	.0	.0	.0	.0	.0	4.3	8.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	.0
ALL	15.1	28.7	29.8	15.2	2.0	.2	.0	.0	.0	.0	.0	100.0	6.8

TOTAL NO. OF OBS : 7789

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAY
CLASS : ALL WEATHER — HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.4	46.8	47.5	47.8	48.4	48.5	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
>=20000	20.6	48.8	49.6	50.1	50.7	50.8	51.[illegible]	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
>=18000	20.6	48.8	49.6	50.1	50.7	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
>=16000	20.6	48.8	49.6	50.1	50.7	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
>=14000	20.7	49.2	50.0	50.5	51.1	51.2	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=12000	21.3	50.8	51.6	52.2	52.9	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
>=10000	22.0	53.6	54.7	55.4	56.2	56.4	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
>= 9000	22.0	53.9	54.9	55.6	56.6	56.7	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3
>= 8000	23.3	57.4	58.7	59.4	60.4	60.5	60.8	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1
>= 7000	23.4	58.8	60.1	60.8	61.9	62.0	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7
>= 6000	23.9	60.5	62.0	62.8	63.9	64.0	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7
>= 5000	25.1	63.1	65.1	66.1	67.2	67.3	67.8	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0
>= 4500	25.1	63.6	65.8	66.9	68.0	68.1	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
>= 4000	25.4	64.6	66.8	68.0	69.1	69.2	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9
>= 3500	25.5	65.8	68.1	69.3	70.4	70.5	70.9	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
>= 3000	25.8	66.8	69.2	70.5	71.5	71.6	72.1	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4
>= 2500	25.9	68.1	70.5	72.0	73.2	73.3	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0
>= 2000	25.9	68.6	71.3	73.1	74.2	74.4	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
>= 1800	25.9	68.7	71.4	73.2	74.4	74.5	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2
>= 1500	26.0	69.3	72.2	74.1	75.5	75.6	76.1	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4
>= 1200	26.0	69.5	72.6	74.5	75.9	76.0	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
>= 1000	26.2	70.9	74.6	76.6	78.5	78.6	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
>= 900	26.4	71.2	74.8	76.9	78.8	78.9	79.5	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8
>= 800	26.4	71.5	75.5	77.9	80.0	80.1	80.8	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1
>= 700	26.4	71.8	75.8	78.2	80.7	80.8	81.8	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2
>= 600	26.4	72.4	76.7	79.5	82.4	82.6	83.6	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
>= 500	26.5	72.8	77.3	80.7	84.0	84.2	85.8	86.4	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8
>= 400	26.5	73.3	78.0	81.6	85.5	85.8	88.0	88.8	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4
>= 300	26.5	73.5	78.2	82.2	86.5	87.1	89.5	90.5	90.8	91.3	91.8	91.9	92.1	92.1	92.1	92.1
>= 200	26.5	73.5	78.2	82.4	86.6	87.4	90.0	91.2	91.6	92.5	93.4	93.5	94.6	94.7	94.9	94.9
>= 100	26.5	73.5	78.2	82.4	86.7	87.5	90.1	91.4	91.9	92.7	93.9	94.1	95.5	95.8	96.8	97.9
>= 0	26.5	73.5	78.2	82.4	86.7	87.5	90.1	91.4	91.9	92.7	93.9	94.1	95.6	95.9	97.3	100.0

TOTAL NO. OF OBS : 850

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : MAY
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	16.5	39.9	41.4	42.7	43.8	44.0	44.6	44.9	45.2	45.6	45.8	45.8	45.8	45.8	45.9	46.0
>=20000	16.8	41.8	43.6	44.9	46.0	46.2	46.9	47.3	47.6	48.1	48.2	48.2	48.4	48.4	48.5	48.6
>=18000	16.9	42.0	43.9	45.2	46.2	46.5	47.2	47.5	47.9	48.4	48.5	48.5	48.6	48.6	48.7	48.8
>=16000	16.9	42.0	43.9	45.2	46.2	46.5	47.2	47.5	47.9	48.4	48.5	48.5	48.6	48.6	48.7	48.8
>=14000	16.9	42.2	44.1	45.4	46.5	46.7	47.4	47.8	48.1	48.6	48.7	48.7	48.8	48.8	48.9	49.1
>=12000	17.5	43.6	45.5	46.9	48.0	48.2	48.9	49.3	49.6	50.1	50.4	50.4	50.5	50.5	50.6	50.7
>=10000	18.9	46.7	48.7	50.4	51.5	51.8	52.6	52.9	53.3	53.9	54.2	54.2	54.4	54.4	54.5	54.6
>= 9000	19.1	47.4	49.5	51.2	52.5	52.7	53.6	54.0	54.4	54.9	55.3	55.3	55.4	55.4	55.5	55.6
>= 8000	19.5	49.8	52.1	54.0	55.5	55.9	56.9	57.3	57.6	58.2	58.6	58.6	58.7	58.7	58.8	58.9
>= 7000	19.9	51.2	53.5	55.4	57.1	57.4	58.5	58.8	59.2	59.8	60.1	60.1	60.2	60.2	60.4	60.5
>= 6000	20.0	52.2	54.8	56.7	58.4	58.7	59.8	60.1	60.5	61.1	61.4	61.4	61.5	61.5	61.6	61.8
>= 5000	20.6	54.9	57.9	59.9	61.6	62.1	63.2	63.5	63.9	64.5	64.8	64.8	64.9	64.9	65.1	65.2
>= 4500	21.1	56.2	59.2	61.2	62.9	63.4	64.5	64.8	65.2	65.8	66.1	66.1	66.2	66.2	66.4	66.5
>= 4000	21.5	57.8	60.9	63.2	64.9	65.4	66.5	66.8	67.2	67.8	68.1	68.1	68.2	68.2	68.4	68.5
>= 3500	22.0	58.7	62.0	64.6	66.5	66.9	68.0	68.4	68.7	69.3	69.6	69.6	69.8	69.8	69.9	70.0
>= 3000	22.1	59.8	63.4	66.0	68.1	68.6	69.6	70.0	70.4	70.9	71.3	71.3	71.4	71.4	71.5	71.6
>= 2500	22.1	60.6	64.6	67.2	69.3	69.8	70.8	71.2	71.5	72.1	72.5	72.5	72.6	72.6	72.7	72.8
>= 2000	22.1	60.9	65.1	67.9	70.1	70.6	71.6	72.1	72.5	73.1	73.4	73.4	73.5	73.5	73.6	73.8
>= 1800	22.2	61.1	65.2	68.0	70.2	70.7	71.8	72.2	72.6	73.2	73.5	73.5	73.6	73.6	73.8	73.9
>= 1500	22.4	61.8	66.1	69.1	71.5	72.0	73.1	73.5	73.9	74.5	74.8	74.8	74.9	74.9	75.1	75.2
>= 1200	22.4	62.2	66.7	69.8	72.4	72.8	74.0	74.5	74.8	75.4	75.8	75.8	75.9	75.9	76.0	76.1
>= 1000	22.4	63.3	68.0	71.2	74.0	74.6	76.4	76.8	77.3	78.0	78.4	78.4	78.5	78.5	78.6	78.7
>= 900	22.4	63.6	68.5	71.6	74.5	75.2	77.1	77.5	78.0	78.7	79.1	79.1	79.2	79.2	79.3	79.4
>= 800	22.5	64.4	69.3	72.8	75.9	76.7	79.1	79.5	80.0	80.7	81.1	81.1	81.2	81.2	81.3	81.4
>= 700	22.5	64.8	69.8	73.3	76.6	77.4	79.8	80.4	80.8	81.5	81.9	81.9	82.0	[illegible].0	82.1	82.2
>= 600	22.5	65.1	70.0	73.6	77.1	77.9	80.7	81.3	81.8	82.6	82.9	82.9	83.1	83.1	83.2	83.3
>= 500	22.5	65.5	70.6	74.5	78.6	79.4	82.9	83.8	84.5	85.3	85.9	85.9	86.0	86.0	86.2	86.4
>= 400	22.5	65.5	70.8	74.9	79.2	80.1	84.0	85.1	85.8	87.1	87.6	87.6	87.9	87.9	88.1	88.2
>= 300	22.5	65.6	71.1	75.6	80.1	81.1	85.5	87.2	87.9	89.8	90.6	90.6	91.1	91.1	91.5	91.6
>= 200	22.5	65.6	71.1	75.9	80.4	81.3	86.0	87.6	88.4	90.9	91.9	92.0	93.3	93.4	94.2	94.6
>= 100	22.5	65.6	71.1	75.9	80.4	81.3	86.0	87.6	88.5	91.1	92.0	92.2	94.8	95.1	96.9	98.0
>= 0	22.5	65.6	71.1	75.9	80.4	81.3	86.0	87.6	88.5	91.1	92.0	92.2	94.8	95.2	97.5	100.0

TOTAL NO. OF OBS : 850

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAY
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.0	44.4	45.6	46.5	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
>=20000	23.3	45.8	47.4	48.5	49.1	49.1	49.2	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
>=18000	23.3	45.9	47.5	48.6	49.2	49.2	49.3	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5
>=16000	23.3	45.9	47.5	48.6	49.2	49.2	49.3	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5
>=14000	23.5	46.4	48.0	49.1	49.7	49.7	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
>=12000	24.3	48.3	50.0	51.2	51.9	51.9	52.0	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3
>=10000	25.9	51.7	53.8	55.2	56.0	56.0	56.1	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4
>= 9000	25.9	51.9	54.2	55.6	56.4	56.4	56.5	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9
>= 8000	27.6	55.7	58.1	59.7	60.5	60.5	60.7	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1
>= 7000	27.9	57.2	59.5	61.4	62.2	62.2	62.4	62.5	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9
>= 6000	28.4	58.3	60.7	62.6	63.4	63.4	63.7	63.8	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>= 5000	29.0	59.3	62.4	64.4	65.3	65.3	65.6	65.7	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
>= 4500	29.2	59.8	62.9	64.9	65.8	65.8	66.1	66.2	66.4	66.7	66.7	66.7	66.8	66.8	66.8	66.8
>= 4000	29.5	60.9	64.1	66.1	67.3	67.3	67.6	67.7	67.9	68.2	68.2	68.2	68.3	68.3	68.3	68.3
>= 3500	29.9	61.7	64.9	66.9	68.1	68.2	68.6	68.7	68.9	69.2	69.2	69.2	69.3	69.3	69.3	69.3
>= 3000	30.4	63.6	66.9	69.0	70.2	70.3	70.7	70.8	71.0	71.3	71.3	71.3	71.4	71.4	71.4	71.4
>= 2500	30.6	64.5	67.8	70.0	71.3	71.4	71.8	71.9	72.1	72.4	72.4	72.4	72.5	72.5	72.5	72.5
>= 2000	31.3	65.9	69.2	71.4	72.7	72.8	73.2	73.3	73.5	73.8	73.8	73.8	73.9	73.9	73.9	73.9
>= 1800	31.3	66.1	69.4	71.6	72.9	73.0	73.4	73.5	73.7	74.0	74.0	74.0	74.1	74.1	74.1	74.1
>= 1500	31.4	67.3	70.6	73.1	74.6	74.7	75.0	75.1	75.3	75.7	75.8	75.8	75.9	75.9	75.9	75.9
>= 1200	31.4	67.4	70.7	73.2	74.9	75.0	75.3	75.4	75.6	76.0	76.1	76.1	76.2	76.2	76.2	76.2
>= 1000	31.7	68.7	72.3	74.9	77.2	77.4	78.2	78.3	78.5	79.0	79.2	79.2	79.3	79.3	79.3	79.3
>= 900	31.8	68.9	72.5	75.0	77.4	77.6	78.4	78.7	78.9	79.4	79.6	79.6	79.7	79.7	79.7	79.7
>= 800	31.8	69.3	73.1	75.7	78.7	79.0	80.0	80.4	80.7	81.3	81.5	81.5	81.6	81.6	81.6	81.6
>= 700	32.0	70.0	73.8	76.5	79.9	80.3	81.3	81.8	82.1	82.7	82.9	82.9	83.0	83.0	83.0	83.0
>= 600	32.2	70.4	74.3	77.0	81.0	81.5	82.8	83.6	83.9	84.8	85.0	85.1	85.2	85.2	85.2	85.2
>= 500	32.3	70.7	74.8	77.7	81.9	82.5	84.8	86.0	86.7	88.1	88.4	88.5	88.8	88.8	88.8	88.8
>= 400	32.3	70.7	74.8	77.7	82.4	83.2	85.8	87.5	88.3	90.1	90.6	90.7	91.0	91.0	91.0	91.0
>= 300	32.4	70.8	74.9	77.9	82.8	83.7	86.4	88.9	90.0	92.6	93.4	93.7	94.6	94.8	94.8	94.9
>= 200	32.4	70.8	74.9	77.9	82.9	83.9	86.6	89.2	90.4	93.3	94.7	95.2	96.4	96.8	97.4	97.5
>= 100	32.4	70.8	74.9	77.9	82.9	83.9	86.6	89.2	90.4	93.4	94.9	95.4	96.9	97.5	98.8	99.9
>= 0	32.4	70.8	74.9	77.9	82.9	83.9	86.6	89.2	90.4	93.4	94.9	95.4	96.9	97.5	98.8	100.0

TOTAL NO. OF OBS : 1006

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : MAY
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	27.0	49.3	50.3	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
>=20000	27.4	52.3	53.3	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
>=18000	27.6	52.6	53.6	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
>=16000	27.6	52.6	53.6	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
>=14000	28.3	53.3	54.4	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
>=12000	29.2	54.8	56.1	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
>=10000	30.2	57.1	58.4	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>= 9000	30.5	57.6	58.9	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
>= 8000	31.8	60.9	62.6	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
>= 7000	32.6	62.5	64.1	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>= 6000	32.7	63.4	65.0	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
>= 5000	33.0	64.2	66.0	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>= 4500	33.1	64.7	66.5	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
>= 4000	34.3	67.0	68.8	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
>= 3500	34.6	68.3	70.0	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
>= 3000	35.3	70.2	72.1	72.8	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
>= 2500	35.9	71.4	73.6	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
>= 2000	36.6	74.0	76.2	77.1	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
>= 1800	36.7	74.4	76.7	77.6	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>= 1500	37.1	75.7	78.2	79.2	79.9	79.9	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
>= 1200	37.4	76.7	79.2	80.2	80.9	81.0	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>= 1000	37.6	77.5	80.1	81.6	82.6	82.7	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
>= 900	37.7	77.9	80.6	82.2	83.5	83.7	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
>= 800	37.8	78.3	80.9	83.0	84.8	85.4	86.1	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8
>= 700	37.9	78.7	81.5	83.9	86.2	86.9	87.8	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
>= 600	38.0	79.2	82.1	84.8	87.4	88.2	89.5	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5
>= 500	38.0	79.8	82.7	86.0	89.2	90.5	92.1	93.4	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2
>= 400	38.0	79.8	82.7	86.1	89.6	91.2	93.3	95.1	95.6	96.1	96.3	96.3	96.4	96.4	96.4	96.4
>= 300	38.0	79.8	82.7	86.1	89.7	91.3	93.6	95.7	96.3	97.4	98.1	98.2	98.3	98.3	98.4	98.4
>= 200	38.0	79.8	82.7	86.1	89.7	91.3	93.6	95.8	96.5	97.9	99.0	99.3	99.5	99.5	99.8	99.9
>= 100	38.0	79.8	82.7	86.1	89.7	91.3	93.6	95.8	96.5	97.9	99.0	99.3	99.5	99.5	99.8	100.0
>= 0	38.0	79.8	82.7	86.1	89.7	91.3	93.6	95.8	96.5	97.9	99.0	99.3	99.5	99.5	99.8	100.0

TOTAL NO. OF OBS : 1018

2 - CEILING VS VISIBILITY

D14790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : MAY
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	26.0	45.6	46.0	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
>=20000	26.9	49.6	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
>=18000	26.9	49.6	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
>=16000	26.9	49.6	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
>=14000	27.2	50.2	50.7	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
>=12000	27.9	51.5	52.0	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
>=10000	29.1	54.2	54.7	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
>= 9000	29.1	54.4	54.9	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
>= 8000	30.4	58.2	58.8	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
>= 7000	31.0	58.9	59.5	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>= 6000	31.3	59.6	60.3	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
>= 5000	33.2	63.2	63.9	64.6	64.7	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>= 4500	34.0	64.9	65.6	66.3	66.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
>= 4000	36.2	69.0	69.7	70.4	70.5	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>= 3500	37.1	71.8	72.5	73.2	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 3000	37.7	74.6	75.[illegible]	76.5	76.7	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>= 2500	37.8	76.0	77.1	78.1	78.3	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
>= 2000	38.4	78.0	79.2	80.3	80.7	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
>= 1800	38.5	78.2	79.4	80.5	80.9	81.2	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>= 1500	38.6	79.9	81.3	82.4	82.8	83.1	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
>= 1200	39.0	80.7	82.6	83.7	84.2	84.5	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
>= 1000	39.7	82.0	84.3	86.0	86.8	87.1	87.5	87.5	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>= 900	39.9	82.3	84.6	86.3	87.2	87.5	88.0	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4
>= 800	39.9	83.0	85.7	87.5	88.6	89.2	90.0	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
>= 700	39.9	83.3	86.2	88.1	89.7	90.3	91.1	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
>= 600	39.9	83.5	86.5	88.7	90.8	91.4	92.7	93.0	93.2	93.6	93.7	93.7	93.7	93.7	93.7	93.7
>= 500	39.9	84.0	87.1	89.4	92.0	93.0	94.9	95.5	95.7	96.1	96.5	96.5	96.6	96.6	96.6	96.6
>= 400	39.9	84.1	87.4	89.8	92.4	93.4	95.6	96.3	96.5	97.0	97.7	97.8	97.9	97.9	97.9	97.9
>= 300	39.9	84.1	87.4	89.9	92.5	93.6	96.1	97.0	97.2	97.7	98.5	98.8	98.9	98.9	99.0	99.0
>= 200	39.9	84.1	87.4	89.9	92.5	93.6	96.1	97.2	97.5	98.1	99.2	99.5	99.7	99.7	99.8	99.8
>= 100	39.9	84.1	87.4	89.9	92.5	93.6	96.1	97.2	97.5	98.1	99.2	99.5	99.7	99.7	99.9	100.0
>= 0	39.9	84.1	87.4	89.9	92.5	93.6	96.1	97.2	97.5	98.1	99.2	99.5	99.7	99.7	99.9	100.0

TOTAL NO. OF OBS : 1004

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAY
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	26.3	46.8	47.7	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
>=20000	27.5	52.6	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
>=18000	27.6	52.7	53.7	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
>=16000	27.6	52.7	53.7	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
>=14000	28.1	53.4	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
>=12000	29.2	55.4	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
>=10000	30.6	58.5	59.7	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
>= 9000	30.7	58.8	60.0	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
>= 8000	31.7	62.0	63.3	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
>= 7000	32.3	63.3	64.6	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
>= 6000	32.7	64.9	66.3	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
>= 5000	34.7	68.2	69.6	70.0	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
>= 4500	35.3	69.6	71.0	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
>= 4000	37.0	72.9	74.3	74.8	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
>= 3500	38.1	75.3	76.8	77.3	77.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
>= 3000	38.7	77.3	78.9	79.5	79.8	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
>= 2500	38.8	78.4	80.2	80.9	81.2	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
>= 2000	38.9	79.6	81.5	82.2	82.5	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>= 1800	38.9	79.7	81.7	82.4	82.7	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>= 1500	39.4	81.0	83.3	84.3	84.8	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
>= 1200	39.7	81.9	84.2	85.3	85.9	86.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
>= 1000	39.9	82.6	84.9	86.1	86.8	87.5	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
>= 900	39.9	82.9	85.5	86.7	87.5	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
>= 800	40.2	83.7	86.5	88.0	89.0	89.8	90.3	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7
>= 700	40.4	84.4	87.2	88.9	89.9	90.7	91.4	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9
>= 600	40.4	84.6	87.5	89.5	91.0	91.9	92.8	93.1	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5
>= 500	40.5	84.8	88.0	90.1	92.2	93.2	94.3	95.0	95.2	95.2	95.7	95.7	95.7	95.7	95.7	95.7
>= 400	40.5	85.0	88.2	90.4	92.5	93.7	95.0	96.2	96.5	96.9	97.5	97.5	97.5	97.5	97.5	97.5
>= 300	40.5	85.0	88.2	90.4	92.6	93.9	95.6	97.2	97.6	98.2	99.1	99.2	99.5	99.5	99.5	99.5
>= 200	40.5	85.0	88.2	90.4	92.6	93.9	95.6	97.3	97.7	98.4	99.4	99.5	99.9	99.9	99.9	99.9
>= 100	40.5	85.0	88.2	90.4	92.6	93.9	95.6	97.3	97.7	98.4	99.5	99.6	100.0	100.0	100.0	100.0
>= 0	40.5	85.0	88.2	90.4	92.6	93.9	95.6	97.3	97.7	98.4	99.5	99.6	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1000

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : MAY
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.2	45.4	46.0	46.3	46.4	46.4	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
>=20000	25.3	49.5	50.3	50.8	50.9	51.0	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=18000	25.5	49.9	50.7	51.2	51.3	51.4	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
>=16000	25.9	50.3	51.1	51.6	51.7	51.8	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
>=14000	26.4	51.2	52.1	52.6	52.7	52.8	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
>=12000	27.5	53.3	54.2	54.8	54.9	55.0	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
>=10000	29.1	57.6	58.8	59.4	59.7	59.8	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
>= 9000	29.3	58.0	59.4	60.0	60.3	60.4	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
>= 8000	30.5	61.6	63.1	63.7	64.0	64.1	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
>= 7000	31.4	63.3	65.0	65.8	66.2	66.3	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0
>= 6000	31.9	64.8	66.5	67.3	67.8	67.9	68.3	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
>= 5000	32.8	67.2	69.0	70.1	70.7	70.8	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
>= 4500	33.2	68.9	70.7	71.8	72.4	72.5	73.0	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3
>= 4000	34.3	71.6	73.4	74.6	75.4	75.5	76.1	76.3	76.3	76.3	76.4	76.4	76.5	76.5	76.5	76.5
>= 3500	34.7	72.7	74.5	75.8	76.5	76.6	77.2	77.4	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.6
>= 3000	34.9	74.3	76.2	77.5	78.3	78.5	79.1	79.3	79.3	79.4	79.5	79.5	79.6	79.6	79.6	79.6
>= 2500	35.0	74.6	76.6	77.9	78.7	78.9	79.5	79.7	79.7	79.8	79.9	79.9	80.0	80.0	80.0	80.0
>= 2000	35.2	75.5	77.5	79.1	79.9	80.2	80.9	81.1	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5
>= 1800	35.2	75.6	77.6	79.2	80.0	80.3	81.0	81.2	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6
>= 1500	35.4	76.6	78.6	80.5	81.3	81.8	82.5	82.7	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.1
>= 1200	35.6	77.0	79.1	81.1	82.1	82.6	83.3	83.5	83.6	83.7	83.8	83.8	83.9	83.9	83.9	83.9
>= 1000	35.6	77.6	79.7	81.7	82.8	83.4	84.3	84.5	84.6	84.8	85.0	85.0	85.1	85.1	85.1	85.1
>= 900	35.7	77.7	79.9	82.0	83.1	83.7	84.9	85.2	85.3	85.5	85.7	85.7	85.8	85.8	85.8	85.8
>= 800	35.9	78.4	80.6	82.8	84.1	84.7	86.0	86.5	86.6	86.8	87.0	87.1	87.2	87.2	87.2	87.2
>= 700	35.9	78.7	80.9	83.3	84.7	85.4	86.8	87.4	87.5	87.8	88.0	88.1	88.2	88.2	88.2	88.2
>= 600	35.9	79.0	81.4	83.9	85.7	86.8	88.7	89.6	89.7	90.3	90.5	90.6	90.7	90.7	90.7	90.7
>= 500	35.9	79.4	82.0	84.8	86.7	87.9	90.2	91.3	91.5	92.6	92.9	93.0	93.2	93.2	93.2	93.2
>= 400	35.9	79.4	82.0	85.1	87.3	88.6	91.2	92.9	93.3	94.6	95.1	95.2	95.4	95.4	95.4	95.4
>= 300	35.9	79.6	82.2	85.4	87.6	89.0	92.0	93.9	94.4	96.4	97.3	97.5	97.9	97.9	97.9	97.9
>= 200	35.9	79.6	82.2	85.4	87.6	89.0	92.1	94.0	94.5	96.6	97.7	98.2	98.9	99.1	99.2	99.2
>= 100	35.9	79.6	82.2	85.4	87.6	89.0	92.1	94.0	94.5	96.7	97.8	98.3	99.0	99.2	99.7	99.8
>= 0	35.9	79.6	82.2	85.4	87.6	89.0	92.1	94.0	94.5	96.7	97.8	98.3	99.0	99.2	99.7	100.0

TOTAL NO. OF OBS : 994

2' - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAY
CLASS : ALL WEATHER — HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES) >=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.5	46.5	47.4	48.2	48.3	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
>=20000	21.7	49.0	49.9	50.7	50.9	50.9	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
>=18000	21.7	49.1	50.0	50.8	51.0	51.0	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=16000	21.7	49.1	50.0	50.8	51.0	51.0	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=14000	22.3	49.9	50.9	51.7	51.9	51.9	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
>=12000	22.6	51.4	52.4	53.4	53.6	53.6	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
>=10000	24.0	55.3	56.6	57.7	57.9	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>= 9000	24.3	56.2	57.7	58.7	58.9	59.0	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
>= 8000	25.3	60.2	61.7	63.1	63.3	63.4	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
>= 7000	26.1	61.8	63.3	64.6	64.9	65.0	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>= 6000	27.1	64.0	65.5	66.9	67.1	67.2	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
>= 5000	27.6	65.9	67.5	68.9	69.1	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
>= 4500	27.8	66.7	68.2	69.7	69.9	70.0	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
>= 4000	28.4	68.4	70.2	71.6	71.8	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>= 3500	28.8	69.3	71.1	72.5	72.7	72.9	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
>= 3000	28.8	69.9	71.8	73.4	73.6	73.8	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>= 2500	29.1	70.7	72.7	74.4	74.7	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
>= 2000	29.3	71.5	73.6	75.5	75.7	75.8	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>= 1800	29.4	71.6	73.8	75.6	75.8	75.9	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
>= 1500	29.6	72.6	75.0	77.1	77.5	77.6	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>= 1200	29.7	73.1	75.7	77.9	78.3	78.4	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>= 1000	29.8	74.0	76.7	79.2	79.7	80.0	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
>= 900	29.8	74.4	77.3	79.7	80.4	80.6	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
>= 800	29.8	74.8	78.3	81.0	82.1	82.3	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>= 700	30.2	75.2	78.7	81.5	82.8	83.0	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>= 600	30.2	75.5	79.3	82.4	83.8	84.1	84.9	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4
>= 500	30.3	75.9	80.0	83.4	85.2	85.7	86.8	87.0	87.2	87.5	87.5	87.5	87.6	87.6	87.6	87.6
>= 400	30.3	76.2	80.5	84.5	86.5	86.9	89.0	89.4	89.6	90.3	90.3	90.3	90.4	90.4	90.4	90.4
>= 300	30.3	76.6	80.9	84.9	87.4	87.8	90.3	91.0	91.3	92.7	92.9	92.9	93.4	93.4	93.4	93.4
>= 200	30.3	76.6	81.0	85.0	87.7	88.2	91.0	91.8	92.1	94.0	94.6	94.6	95.7	95.7	96.3	96.3
>= 100	30.3	76.6	81.0	85.0	87.7	88.2	91.0	91.8	92.1	94.7	95.4	95.4	97.2	97.3	98.2	98.6
>= 0	30.3	76.6	81.0	85.0	87.7	88.2	91.0	91.8	92.1	94.7	95.5	95.5	97.3	97.4	98.6	100.0

TOTAL NO. OF OBS : 888

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAY
CLASS : ALL WEATHER — HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.3	45.7	46.6	47.1	47.4	47.5	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9
>=20000	23.9	48.8	49.9	50.5	50.8	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
>=18000	24.0	49.0	50.0	50.6	51.0	51.0	51.2	51.3	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
>=16000	24.0	49.0	50.1	50.7	51.0	51.1	51.3	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.6
>=14000	24.4	49.6	50.7	51.3	51.7	51.7	51.9	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
>=12000	25.2	51.3	52.4	53.1	53.5	53.6	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.1
>=10000	26.5	54.5	55.8	56.6	57.1	57.2	57.4	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7
>= 9000	26.6	54.9	56.3	57.1	57.6	57.7	58.0	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3
>= 8000	27.8	58.4	59.9	60.9	61.4	61.5	61.8	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1
>= 7000	28.4	59.8	61.4	62.3	62.9	63.0	63.3	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7
>= 6000	28.8	61.1	62.8	63.8	64.4	64.5	64.8	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.2
>= 5000	29.8	63.4	65.3	66.4	67.1	67.2	67.5	67.6	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9
>= 4500	30.1	64.5	66.4	67.5	68.1	68.3	68.6	68.7	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0
>= 4000	31.2	66.7	68.7	69.9	70.6	70.7	71.1	71.2	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5
>= 3500	31.7	68.1	70.2	71.4	72.1	72.3	72.7	72.8	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1
>= 3000	32.1	69.8	72.0	73.3	74.1	74.3	74.7	74.8	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1
>= 2500	32.3	70.8	73.1	74.5	75.3	75.5	75.9	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.4
>= 2000	32.6	72.0	74.4	76.0	76.9	77.1	77.5	77.6	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0
>= 1800	32.7	72.2	74.6	76.2	77.1	77.3	77.7	77.8	77.9	78.1	78.1	78.1	78.2	78.2	78.2	78.2
>= 1500	32.9	73.3	75.9	77.7	78.7	78.9	79.4	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.0
>= 1200	33.0	73.9	76.6	78.4	79.5	79.8	80.3	80.5	80.6	80.7	80.8	80.8	80.9	80.9	80.9	80.9
>= 1000	33.3	74.9	77.8	79.9	81.3	81.6	82.3	82.5	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0
>= 900	33.4	75.2	78.2	80.3	81.8	82.1	83.0	83.2	83.3	83.5	83.6	83.6	83.7	83.7	83.7	83.7
>= 800	33.4	75.7	79.0	81.3	83.1	83.6	84.6	85.0	85.1	85.3	85.4	85.5	85.5	85.5	85.5	85.5
>= 700	33.5	76.2	79.5	82.0	84.0	84.6	85.7	86.1	86.2	86.5	86.6	86.6	86.7	86.7	86.7	86.7
>= 600	33.6	76.5	80.0	82.7	85.1	85.8	87.2	87.8	87.9	88.3	88.4	88.5	88.5	88.5	88.5	88.5
>= 500	33.6	76.9	80.6	83.6	86.5	87.3	89.2	90.0	90.4	90.9	91.2	91.2	91.4	91.4	91.4	91.4
>= 400	33.6	77.0	80.8	84.0	87.1	88.1	90.4	91.6	92.0	92.9	93.3	93.3	93.5	93.5	93.5	93.5
>= 300	33.7	77.2	80.9	84.3	87.6	88.6	91.3	92.8	93.4	94.7	95.4	95.6	95.9	96.0	96.0	96.1
>= 200	33.7	77.2	80.9	84.3	87.7	88.8	91.5	93.2	93.7	95.4	96.4	96.7	97.4	97.5	97.8	97.9
>= 100	33.7	77.2	80.9	84.3	87.7	88.8	91.5	93.2	93.8	95.5	96.6	96.9	98.0	98.1	98.9	99.3
>= 0	33.7	77.2	80.9	84.3	87.7	88.8	91.5	93.2	93.8	95.5	96.6	96.9	98.0	98.2	99.0	100.0

TOTAL NO. OF OBS : 7610

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JUN
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.0	1.1	1.1	.6	.0	.0	.0	.0	.0	.0	.0	4.0	6.5
NNE	.8	.8	1.3	.6	.0	.0	.0	.0	.0	.0	.0	3.4	7.2
NE	.4	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.5	5.8
ENE	.6	1.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	2.4	5.0
E	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.0
ESE	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.9	5.1
SE	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.8
SSE	1.5	1.3	.9	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.5
S	5.9	4.9	3.2	.3	.0	.0	.0	.0	.0	.0	.0	14.2	4.7
SSW	4.0	5.5	5.4	.9	.0	.0	.0	.0	.0	.0	.0	15.7	5.9
SW	2.4	3.6	2.9	.9	.0	.0	.0	.0	.0	.0	.0	9.8	6.2
WSW	1.5	2.0	1.1	.1	.0	.0	.0	.0	.0	.0	.0	4.9	5.1
W	2.3	2.7	1.5	.3	.0	.0	.0	.0	.0	.0	.0	6.8	5.0
WNW	1.0	1.4	1.0	.3	.0	.0	.0	.0	.0	.0	.0	3.7	5.8
NW	1.3	1.4	1.1	.3	.0	.0	.0	.0	.0	.0	.0	4.1	5.6
NNW	.9	1.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.3	.0
ALL	25.2	28.2	21.7	4.6	.0	.0	.0	.0	.0	.0	.0	100.0	4.4

TOTAL NO. OF OBS : 783

NOTES :
* = PERCENT < .05

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.7	1.8	.9	.1	.0	.0	.0	.0	.0	.0	.0	4.5	4.6
NNE	.9	1.9	1.7	.5	.0	.0	.0	.0	.0	.0	.0	5.0	6.4
NE	.8	1.9	.6	.3	.0	.0	.0	.0	.0	.0	.0	3.6	5.6
ENE	.3	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.4	5.9
E	.4	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.8
ESE	.8	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.0
SE	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	8.0
SSE	2.3	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	4.0	3.6
S	5.1	4.0	2.8	.1	.1	.0	.0	.0	.0	.0	.0	12.2	4.7
SSW	3.1	7.3	3.2	.6	.0	.0	.0	.0	.0	.0	.0	14.2	5.5
SW	2.0	2.2	2.4	.3	.0	.0	.0	.0	.0	.0	.0	6.9	5.7
WSW	2.2	2.2	.9	.3	.0	.0	.0	.0	.0	.0	.0	5.5	4.9
W	2.2	2.6	.6	.1	.0	.0	.0	.0	.0	.0	.0	5.5	4.4
WNW	1.8	1.5	1.4	.1	.0	.0	.0	.0	.0	.0	.0	4.9	5.0
NW	1.4	.8	1.0	.1	.0	.0	.0	.0	.0	.0	.0	3.3	5.1
NNW	.8	1.7	1.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22.3	.0
ALL	25.6	31.4	17.8	2.8	.1	.0	.0	.0	.0	.0	.0	100.0	4.0

TOTAL NO. OF OBS : 781

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.3	2.0	1.3	.9	.0	.0	.0	.0	.0	.0	.0	5.6	6.5
NNE	.5	2.2	2.4	.7	.1	.0	.0	.0	.0	.0	.0	6.0	7.4
NE	.5	1.7	1.5	.8	.2	.0	.0	.0	.0	.0	.0	4.7	7.5
ENE	.7	1.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	2.9	5.0
E	1.4	.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.7	4.8
ESE	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.1	5.5
SE	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.1
SSE	.9	.4	.9	.1	.0	.0	.0	.0	.0	.0	.0	2.3	5.6
S	2.3	4.3	2.4	.2	.1	.0	.0	.0	.0	.0	.0	9.4	5.5
SSW	2.7	4.8	5.1	1.0	.1	.0	.0	.0	.0	.0	.0	13.7	6.6
SW	1.2	4.5	3.8	.5	.1	.0	.0	.0	.0	.0	.0	10.2	6.5
WSW	1.2	2.6	2.3	.6	.0	.0	.0	.0	.0	.0	.0	6.8	6.3
W	1.2	3.9	2.6	.4	.1	.0	.0	.0	.0	.0	.0	8.3	6.4
WNW	1.7	1.7	2.5	.7	.0	.0	.0	.0	.0	.0	.0	6.7	6.3
NW	1.5	2.2	1.7	.8	.1	.0	.0	.0	.0	.0	.0	6.4	6.6
NNW	1.1	2.7	1.6	.5	.0	.0	.0	.0	.0	.0	.0	6.0	6.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	.0
ALL	18.9	36.3	30.0	7.6	.8	.0	.0	.0	.0	.0	.0	100.0	5.9

TOTAL NO. OF OBS : 990

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.8	2.8	1.0	.7	.0	.0	.0	.0	.0	.0	.0	6.3	5.4
NNE	.8	2.4	3.1	1.5	.3	.0	.0	.0	.0	.0	.0	8.1	8.1
NE	.3	1.7	2.2	.9	.1	.1	.0	.0	.0	.0	.0	5.3	8.3
ENE	.6	1.2	1.4	.5	.0	.0	.0	.0	.0	.0	.0	3.7	7.0
E	1.0	1.8	1.0	.1	.0	.0	.0	.0	.0	.0	.0	3.9	5.3
ESE	.4	.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	1.6	5.6
SE	.2	.7	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.4	6.1
SSE	.8	1.2	1.3	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.8
S	1.1	3.1	3.7	1.1	.0	.0	.0	.0	.0	.0	.0	9.0	7.0
SSW	.8	3.8	5.2	2.7	.0	.0	.0	.0	.0	.0	.0	12.5	8.1
SW	1.3	2.2	4.1	1.3	.1	.0	.0	.0	.0	.0	.0	9.0	7.7
WSW	.7	2.2	4.3	1.1	.0	.0	.0	.0	.0	.0	.0	8.3	7.6
W	.9	2.8	4.4	.9	.1	.0	.0	.0	.0	.0	.0	9.1	7.4
WNW	.7	2.0	3.2	.6	.2	.0	.0	.0	.0	.0	.0	6.7	7.7
NW	.7	.9	1.7	1.4	.0	.0	.0	.0	.0	.0	.0	4.7	8.3
NNW	1.0	.7	1.7	.5	.0	.0	.0	.0	.0	.0	.0	3.9	7.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	.0
ALL	13.0	30.1	38.8	13.5	.8	.1	.0	.0	.0	.0	.0	100.0	7.1

TOTAL NO. OF OBS : 1004

NOTES :
* = PERCENT < .05

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.2	1.1	1.4	.5	.0	.0	.0	.0	.0	.0	.0	3.2	7.5
NNE	.9	1.7	2.2	1.3	.4	.0	.0	.0	.0	.0	.0	6.5	8.3
NE	.5	2.0	3.1	1.2	.1	.1	.0	.0	.0	.0	.0	7.0	8.3
ENE	.6	2.1	1.9	.5	.1	.0	.0	.(	.0	.0	.0	5.2	7.1
E	.9	2.0	2.2	.3	.0	.0	.0	.0	.0	.0	.0	5.4	6.3
ESE	.2	1.1	.6	.5	.0	.0	.0	.0	.0	.0	.0	2.4	7.2
SE	.4	1.1	.6	.1	.0	.0	.0	.0	.0	.0	.0	2.2	5.8
SSE	.7	1.1	1.6	.3	.0	.0	.0	.0	.0	.0	.0	3.7	6.7
S	1.6	2.7	5.0	1.3	.0	.0	.0	.0	.0	.0	.0	10.6	7.2
SSW	.6	2.4	5.2	4.3	.7	.0	.0	.0	.0	.0	.0	13.2	9.6
SW	.4	1.6	4.4	2.5	.3	.0	.0	.0	.0	.0	.0	9.2	9.5
WSW	.0	1.8	3.7	1.5	.1	.0	.0	.0	.0	.0	.0	7.1	8.8
W	.5	2.6	6.0	2.4	.0	.0	.0	.0	.0	.0	.0	11.5	8.6
WNW	.3	1.3	2.4	1.7	.3	.1	.0	.0	.0	.0	.0	6.1	9.6
NW	.2	.8	1.3	.6	.0	.0	.0	.0	.0	.0	.0	2.9	8.1
NNW	.0	.6	.9	.8	.0	.0	.0	.0	.0	.0	.0	2.3	9.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0
ALL	8.0	25.9	42.4	19.7	2.0	.2	.0	.0	.0	.0	.0	100.0	8.2

TOTAL NO. OF OBS : 1003

NOTES :
* = PERCENT < .05

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.2	.5	1.0	.1	.1	.0	.0	.0	.0	.0	.0	1.9	7.9
NNE	.5	1.2	2.2	.6	.0	.0	.0	.0	.0	.0	.0	4.5	7.7
NE	.4	1.9	2.4	.6	.1	.0	.0	.0	.0	.0	.0	5.4	7.9
ENE	1.0	1.8	1.5	.8	.1	.0	.0	.0	.0	.0	.0	5.2	7.1
E	1.7	3.7	2.5	.2	.0	.0	.0	.0	.0	.0	.0	8.1	5.7
ESE	.6	2.7	2.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.1
SE	.1	1.6	1.1	.3	.0	.0	.0	.0	.0	.0	.0	3.1	6.9
SSE	.4	1.0	1.3	.7	.0	.0	.0	.0	.0	.0	.0	3.4	7.9
S	.9	2.3	6.6	3.0	.0	.0	.0	.0	.0	.0	.0	12.8	8.6
SSW	.4	2.0	6.6	6.2	.4	.0	.0	.0	.0	.0	.0	15.6	10.1
SW	.7	1.8	4.1	1.8	.3	.0	.0	.0	.0	.0	.0	8.7	8.7
WSW	.3	2.2	2.2	1.3	.1	.0	.0	.0	.0	.0	.0	6.1	8.2
W	.2	3.3	4.1	1.0	.0	.0	.0	.0	.0	.0	.0	8.6	7.8
WNW	.3	1.1	2.4	1.0	.2	.0	.1	.0	.0	.0	.0	5.1	9.3
NW	.2	.9	1.5	.8	.0	.0	.0	.0	.0	.0	.0	3.4	8.4
NNW	.4	.2	1.0	.2	.1	.0	.0	.0	.0	.0	.0	2.0	8.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0
ALL	8.3	28.1	42.4	18.5	1.5	.0	.1	.0	.0	.0	.0	100.0	8.1

TOTAL NO. OF OBS : 1003

NOTES :
* = PERCENT < .05

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JUN
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.7	1.0	1.0	.3	.0	.0	.0	.0	.0	.0	.0	3.0	6.4
NNE	.7	1.0	.8	.4	.2	.0	.0	.0	.0	.0	.0	3.1	7.2
NE	.7	1.4	1.1	.2	.2	.0	.0	.0	.0	.0	.0	3.6	7.0
ENE	.9	1.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.9	4.9
E	1.4	1.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	4.1	4.5
ESE	1.9	1.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.0
SE	1.3	1.7	.7	.1	.0	.0	.0	.0	.0	.0	.0	3.8	4.7
SSE	2.2	1.8	1.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	4.3
S	2.3	7.9	6.9	.8	.0	.0	.0	.0	.0	.0	.0	17.9	6.3
SSW	1.1	4.9	10.7	2.9	.0	.0	.0	.0	.0	.0	.0	19.6	8.0
SW	.8	3.7	2.7	1.2	.0	.0	.0	.0	.0	.0	.0	8.5	7.0
WSW	.6	1.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.4
W	1.5	1.9	1.7	.2	.0	.0	.0	.0	.0	.0	.0	5.4	5.6
WNW	.3	1.3	1.6	.5	.0	.0	.0	.0	.0	.0	.0	3.7	7.2
NW	.1	1.2	1.1	.5	.0	.0	.0	.0	.0	.0	.0	2.9	7.7
NNW	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	.0
ALL	17.1	35.0	32.4	7.4	.4	.0	.0	.0	.0	.0	.0	100.0	5.9

TOTAL NO. OF OBS : 989

NOTES :
* = PERCENT < .05

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JUN
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.5	1.2	1.6	.2	.0	.0	.0	.0	.0	.0	.0	3.6	6.4
NNE	.9	.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	2.8	6.4
NE	.5	1.2	.7	.1	.0	.0	.0	.0	.0	.0	.0	2.6	6.0
ENE	.7	.5	.1	.4	.0	.0	.0	.0	.0	.0	.0	1.7	5.4
E	1.1	1.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.2
ESE	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.9
SE	.7	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.7	4.6
SSE	1.2	.7	1.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.6
S	3.8	8.7	3.8	.2	.0	.0	.0	.0	.0	.0	.0	16.6	5.2
SSW	2.8	8.1	6.9	1.0	.1	.0	.0	.0	.0	.0	.0	18.9	6.4
SW	2.5	4.0	2.5	.7	.0	.0	.0	.0	.0	.0	.0	9.7	5.8
WSW	1.5	2.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	4.8	4.7
W	2.1	2.1	1.1	.2	.0	.0	.0	.0	.0	.0	.0	5.5	4.9
WNW	.5	1.2	.9	.1	.0	.0	.0	.0	.0	.0	.0	2.7	5.6
NW	.4	1.0	.6	.1	.0	.0	.0	.0	.0	.0	.0	2.1	6.2
NNW	.6	1.1	.5	.4	.0	.0	.0	.0	.0	.0	.0	2.6	6.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.3	.0
ALL	20.4	35.2	21.8	4.2	.1	.0	.0	.0	.0	.0	.0	100.0	4.6

TOTAL NO. OF OBS : 815

NOTES :
* = PERCENT < .05

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.9	1.5	1.2	.4	.0*	.0	.0	.0	.0	.0	.0	4.0	6.2
NNE	.7	1.5	1.8	.8	.1	.0	.0	.0	.0	.0	.0	5.0	7.5
NE	.5	1.6	1.6	.6	.1	.0*	.0	.0	.0	.0	.0	4.4	7.5
ENE	.7	1.4	.9	.3	.0*	.0	.0	.0	.0	.0	.0	3.3	6.2
E	1.1	1.6	1.0	.1	.0	.0	.0	.0	.0	.0	.0	3.9	5.3
ESE	.7	1.0	.6	.1	.0	.0	.0	.0	.0	.0	.0	2.3	5.4
SE	.4	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	1.8	5.7
SSE	1.2	1.1	1.1	.1	.0	.0	.0	.0	.0	.0	.0	3.5	5.4
S	2.7	4.6	4.4	.9	.0*	.0	.0	.0	.0	.0	.0	12.7	6.2
SSW	1.8	4.7	6.1	2.6	.2	.0	.0	.0	.0	.0	.0	15.4	7.6
SW	1.3	2.9	3.4	1.2	.1	.0	.0	.0	.0	.0	.0	9.0	7.3
WSW	.9	2.2	2.1	.7	.0*	.0	.0	.0	.0	.0	.0	5.9	6.8
W	1.3	2.8	2.9	.7	.0*	.0	.0	.0	.0	.0	.0	7.7	6.7
WNW	.8	1.5	2.0	.7	.1	.0*	.0*	.0	.0	.0	.0	5.0	7.4
NW	.7	1.2	1.3	.6	.0*	.0	.0	.0	.0	.0	.0	3.8	7.1
NNW	.6	1.0	1.0	.3	.0*	.0	.0	.0	.0	.0	.0	3.0	6.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	.0
ALL	16.5	31.2	31.8	10.3	.8	.0*	.0*	.0	.0	.0	.0	100.0	6.2

TOTAL NO. OF OBS : 7368

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUN
CLASS : ALL WEATHER — HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	13.1	42.3	45.9	48.5	50.0	50.3	52.1	52.3	52.3	52.6	52.6	52.6	53.0	53.0	53.1	53.1
>=20000	13.2	44.7	49.0	51.9	53.5	53.7	55.7	55.9	55.9	56.2	56.2	56.2	56.6	56.6	56.7	56.7
>=18000	13.2	44.7	49.0	51.9	53.5	53.7	55.7	55.9	55.9	56.2	56.2	56.2	56.6	56.6	56.7	56.7
>=16000	13.2	44.7	49.0	51.9	53.5	53.7	55.7	55.9	55.9	56.2	56.2	56.2	56.6	56.6	56.7	56.7
>=14000	13.5	45.1	49.4	52.4	54.0	54.2	56.2	56.4	56.4	56.7	56.7	56.7	57.1	57.1	57.2	57.2
>=12000	13.8	46.3	50.5	53.6	55.1	55.4	57.3	57.6	57.6	57.8	57.8	57.8	58.2	58.2	58.4	58.4
>=10000	14.0	49.1	53.3	56.6	58.2	58.5	60.5	60.8	60.8	61.1	61.1	61.1	61.4	61.4	61.6	61.6
>= 9000	14.1	49.5	53.7	57.1	58.7	59.0	61.1	61.3	61.3	61.6	61.6	61.6	62.0	62.0	62.1	62.1
>= 8000	14.8	52.1	56.6	60.2	62.1	62.3	64.7	64.9	65.0	65.3	65.3	65.3	65.7	65.7	65.8	65.8
>= 7000	14.9	53.5	58.2	61.8	63.9	64.1	66.6	66.8	67.0	67.2	67.2	67.2	67.6	67.6	67.7	67.7
>= 6000	15.0	54.6	59.6	63.5	65.6	65.8	68.3	68.5	68.6	68.9	68.9	68.9	69.3	69.3	69.4	69.4
>= 5000	15.3	56.0	61.2	65.2	67.2	67.6	70.1	70.3	70.4	70.8	70.8	70.8	71.2	71.2	71.3	71.3
>= 4500	15.3	56.2	61.3	65.3	67.4	67.7	70.2	70.4	70.6	71.0	71.0	71.0	71.3	71.3	71.5	71.5
>= 4000	15.8	57.2	62.6	66.7	68.9	69.3	71.7	72.0	72.1	72.5	72.5	72.5	72.9	72.9	73.0	73.0
>= 3500	16.1	57.6	63.0	67.2	69.4	69.8	72.2	72.5	72.6	73.0	73.0	73.0	73.4	73.4	73.5	73.5
>= 3000	16.2	59.0	64.9	69.3	71.5	71.9	74.3	74.6	74.7	75.1	75.1	75.1	75.4	75.4	75.6	75.6
>= 2500	16.5	59.5	65.4	69.9	72.1	72.5	75.1	75.3	75.4	75.8	75.8	75.8	76.2	76.2	76.3	76.3
>= 2000	16.6	60.0	65.9	70.7	73.0	73.4	76.1	76.3	76.5	76.9	76.9	76.9	77.4	77.4	77.5	77.5
>= 1800	16.7	60.3	66.3	71.1	73.4	73.8	76.5	76.7	76.9	77.2	77.2	77.2	77.8	77.8	77.9	77.9
>= 1500	16.7	60.7	66.8	71.7	74.0	74.4	77.1	77.4	77.5	77.9	77.9	77.9	78.4	78.4	78.5	78.5
>= 1200	16.8	61.2	67.4	72.2	74.7	75.1	77.8	78.0	78.1	78.5	78.5	78.5	79.0	79.0	79.2	79.2
>= 1000	17.0	62.0	68.4	73.5	76.2	76.6	79.3	79.6	79.7	80.1	80.2	80.2	80.7	80.7	80.8	80.8
>= 900	17.0	62.1	68.6	73.8	76.6	77.2	79.9	80.2	80.3	80.7	80.8	80.8	81.4	81.4	81.5	81.5
>= 800	17.0	62.3	69.0	74.4	77.4	78.0	80.8	81.2	81.4	81.9	82.0	82.0	82.5	82.5	82.6	82.6
>= 700	17.0	62.3	69.0	74.8	77.8	78.5	81.4	81.7	81.9	82.4	82.5	82.5	83.0	83.0	83.2	83.2
>= 600	17.0	63.0	69.7	76.0	79.3	80.2	83.3	83.7	83.8	84.4	84.6	84.6	85.1	85.1	85.2	85.2
>= 500	17.1	63.4	70.1	77.4	80.8	81.9	85.2	85.9	86.0	86.6	86.8	86.8	87.4	87.4	87.5	87.5
>= 400	17.1	63.6	70.4	77.8	81.6	82.8	86.2	87.4	87.7	88.6	88.7	88.7	89.3	89.3	89.5	89.5
>= 300	17.1	63.8	70.8	78.3	82.5	83.7	87.8	89.6	89.8	91.8	92.0	92.0	92.7	92.7	92.8	92.8
>= 200	17.1	63.8	70.8	78.4	82.8	84.1	88.7	90.7	91.1	93.3	93.8	93.8	95.1	95.1	95.8	95.8
>= 100	17.1	63.8	70.8	78.4	82.8	84.1	88.8	91.0	91.5	94.0	94.7	94.7	96.4	96.4	97.4	97.8
>= 0	17.1	63.8	70.8	78.4	82.8	84.1	88.8	91.0	91.5	94.0	94.7	94.7	96.4	96.4	97.8	100.0

TOTAL NO. OF OBS : 778

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JUN
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	10.6	33.8	37.3	41.0	43.5	44.4	46.1	47.0	47.1	49.0	49.5	49.5	49.8	49.8	50.1	50.2
>=20000	10.7	34.9	38.7	42.4	44.9	45.8	47.7	48.9	49.2	51.1	51.7	51.7	52.0	52.0	52.3	52.4
>=18000	11.0	35.2	39.2	42.9	45.4	46.3	48.3	49.4	49.7	51.6	52.3	52.3	52.5	52.5	52.8	52.9
>=16000	11.1	35.3	39.3	43.1	45.5	46.4	48.4	49.5	49.8	51.7	52.4	52.4	52.7	52.7	52.9	53.0
>=14000	11.3	35.6	39.6	43.3	45.8	46.7	48.8	50.1	50.3	52.3	52.9	52.9	53.2	53.2	53.4	53.6
>=12000	11.6	36.7	40.8	44.5	47.0	47.9	49.9	51.4	51.6	53.6	54.2	54.2	54.5	54.5	54.7	54.9
>=10000	11.9	38.7	42.9	47.0	49.4	50.5	52.7	54.2	54.6	56.5	57.2	57.2	57.4	57.4	57.8	58.0
>= 9000	12.0	38.9	43.2	47.3	49.8	50.8	53.0	54.6	55.0	56.9	57.6	57.6	57.8	57.8	58.2	58.3
>= 8000	12.7	41.7	46.4	51.0	53.6	54.6	57.1	58.9	59.2	61.2	61.8	61.8	62.1	62.1	62.5	62.6
>= 7000	12.9	42.9	47.7	52.4	55.0	56.1	58.6	60.4	60.8	63.0	63.6	63.6	63.9	63.9	64.3	64.4
>= 6000	12.9	43.5	48.4	53.0	55.8	56.9	59.4	61.2	61.6	63.8	64.4	64.4	64.7	64.7	65.1	65.2
>= 5000	13.2	44.8	49.9	54.7	57.8	59.0	61.4	63.3	63.6	66.2	66.9	66.9	67.1	67.1	67.5	67.7
>= 4500	13.3	45.1	50.5	55.2	58.3	59.5	62.0	63.8	64.2	66.8	67.4	67.4	67.7	67.7	68.0	68.2
>= 4000	13.3	45.7	51.1	56.0	59.4	60.5	63.0	64.8	65.3	67.9	68.6	68.6	68.8	68.8	69.2	69.5
>= 3500	13.3	46.1	51.5	56.5	59.9	61.1	63.6	65.5	66.0	68.7	69.3	69.3	69.6	69.6	70.0	70.2
>= 3000	13.7	47.1	52.5	57.8	61.6	62.9	65.6	67.4	67.9	70.8	71.4	71.4	71.7	71.7	72.1	72.3
>= 2500	13.8	47.3	52.8	58.2	62.1	63.4	66.1	67.9	68.4	71.3	71.9	71.9	72.2	72.2	72.6	72.8
>= 2000	13.8	47.9	53.7	59.2	63.1	64.4	67.1	69.0	69.5	72.3	73.0	73.0	73.2	73.2	73.6	73.9
>= 1800	14.2	48.3	54.1	59.6	63.5	64.8	67.5	69.3	69.9	72.7	73.4	73.4	73.6	73.6	74.0	74.3
>= 1500	14.2	48.6	54.7	60.3	64.2	65.7	68.4	70.2	70.8	73.6	74.3	74.3	74.5	74.5	74.9	75.2
>= 1200	14.2	49.2	55.2	60.9	64.8	66.5	69.5	71.5	72.1	74.9	75.5	75.5	75.8	75.8	76.2	76.5
>= 1000	14.4	49.9	56.0	61.8	65.8	67.5	70.9	73.0	73.5	76.6	77.2	77.2	77.5	77.5	77.9	78.1
>= 900	14.4	49.9	56.0	61.8	65.8	67.5	70.9	73.0	73.5	76.6	77.2	77.2	77.5	77.5	78.0	78.3
>= 800	14.4	50.6	56.8	62.9	67.1	69.0	72.6	74.8	75.3	78.4	79.0	79.0	79.4	79.4	79.9	80.2
>= 700	14.5	51.0	57.6	63.6	68.0	69.9	73.5	75.7	76.2	79.3	80.1	80.1	80.5	80.5	81.0	81.2
>= 600	14.5	51.4	58.0	64.3	68.8	70.9	74.6	76.8	77.5	80.6	81.4	81.4	81.8	81.8	82.3	82.5
>= 500	14.5	51.5	58.1	64.7	69.5	71.5	76.6	79.0	79.8	83.4	84.2	84.2	84.7	84.7	85.3	85.5
>= 400	14.5	51.6	58.2	64.9	69.9	71.9	77.4	80.5	81.4	86.0	86.9	86.9	87.7	87.7	88.2	88.5
>= 300	14.5	51.6	58.3	65.2	70.4	72.4	77.9	81.4	82.3	87.7	89.1	89.1	90.4	90.6	91.2	91.5
>= 200	14.5	51.6	58.3	65.2	70.5	72.6	78.0	81.6	82.5	88.7	90.7	90.8	93.1	93.4	94.2	94.6
>= 100	14.5	51.6	58.3	65.2	70.5	72.6	78.1	81.8	82.8	89.0	90.9	91.2	94.3	94.6	96.2	97.9
>= 0	14.5	51.6	58.3	65.2	70.5	72.6	78.1	81.8	82.8	89.0	90.9	91.2	94.3	94.7	96.8	100.0

TOTAL NO. OF OBS : 773

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUN
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.7	41.5	45.5	48.4	50.3	50.6	50.9	50.9	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.4
>=20000	19.0	43.7	47.7	50.8	52.7	53.0	53.3	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.9	53.9
>=18000	19.0	43.7	47.7	50.8	52.7	53.0	53.3	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.9	53.9
>=16000	19.0	43.7	47.7	50.8	52.7	53.0	53.3	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.9	53.9
>=14000	19.1	44.4	48.6	51.7	53.8	54.1	54.4	54.4	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9
>=12000	19.6	45.4	49.8	53.0	55.3	55.6	56.1	56.1	56.4	56.5	56.5	56.5	56.5	56.5	56.6	56.6
>=10000	20.3	47.6	52.3	55.7	58.2	58.5	59.2	59.3	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9
>= 9000	20.3	47.7	52.5	56.1	58.6	58.9	59.7	59.8	60.2	60.3	60.3	60.3	60.3	60.3	60.4	60.4
>= 8000	20.9	50.1	55.0	58.6	61.5	61.9	62.9	63.0	63.4	63.5	63.5	63.5	63.5	63.5	63.6	63.6
>= 7000	21.3	51.3	56.3	60.3	63.2	63.7	64.7	64.9	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5
>= 6000	21.5	51.9	57.1	61.3	64.1	65.0	66.1	66.2	66.6	66.8	66.8	66.8	66.8	66.8	66.9	66.9
>= 5000	21.9	52.8	58.2	62.3	65.4	66.2	67.4	67.5	67.9	68.1	68.1	68.1	68.1	68.1	68.2	68.2
>= 4500	22.0	53.2	58.6	62.7	65.9	66.7	67.9	68.0	68.4	68.7	68.7	68.7	68.7	68.7	68.8	68.8
>= 4000	22.2	53.9	59.2	63.4	66.6	67.4	69.0	69.1	69.5	69.7	69.7	69.7	69.7	69.7	69.8	69.8
>= 3500	22.3	54.2	59.7	63.9	67.1	67.9	69.5	69.6	70.0	70.3	70.3	70.3	70.3	70.3	70.4	70.4
>= 3000	22.4	54.7	60.3	64.5	67.8	68.7	70.2	70.3	70.8	71.3	71.4	71.4	71.4	71.4	71.5	71.5
>= 2500	22.5	54.9	60.5	64.9	68.3	69.2	70.8	70.9	71.4	71.9	72.1	72.1	72.1	72.1	72.3	72.3
>= 2000	22.9	55.9	61.6	66.1	69.6	70.4	72.1	72.4	72.9	73.4	73.6	73.6	73.6	73.6	73.7	73.7
>= 1800	22.9	56.1	61.8	66.3	69.8	70.6	72.4	72.6	73.1	73.6	73.8	73.8	73.8	73.8	73.9	73.9
>= 1500	23.1	56.8	62.6	67.2	70.9	71.7	73.6	73.8	74.4	74.9	75.1	75.1	75.1	75.1	75.2	75.2
>= 1200	23.2	57.1	63.0	67.7	71.5	72.5	74.3	74.5	75.1	75.6	75.8	75.8	75.8	75.8	76.0	76.0
>= 1000	23.7	58.3	64.1	69.5	73.4	74.6	76.7	76.9	77.6	78.1	78.3	78.3	78.3	78.3	78.4	78.4
>= 900	23.9	58.6	64.7	70.1	74.0	75.3	77.6	77.8	78.5	79.0	79.2	79.2	79.2	79.2	79.3	79.3
>= 800	24.2	59.1	65.3	70.9	75.1	76.5	79.0	79.5	80.4	80.9	81.1	81.1	81.1	81.1	81.2	81.2
>= 700	24.3	59.4	65.9	71.6	76.2	77.6	80.3	80.9	81.8	82.3	82.5	82.5	82.5	82.5	82.6	82.6
>= 600	24.4	59.6	66.2	72.0	77.2	78.8	81.6	82.7	84.0	84.5	84.7	84.7	84.7	84.7	84.8	84.8
>= 500	24.4	59.9	66.7	72.8	78.6	80.4	84.0	85.8	87.2	87.9	88.2	88.4	88.5	88.6	88.7	88.7
>= 400	24.5	60.1	67.1	73.4	79.8	81.6	85.6	88.0	89.5	90.8	91.4	91.7	91.9	92.0	92.1	92.1
>= 300	24.5	60.1	67.1	73.4	79.8	81.6	86.0	88.6	90.4	92.8	94.0	94.5	94.9	95.0	95.2	95.2
>= 200	24.5	60.1	67.1	73.4	79.8	81.6	86.0	88.7	90.6	93.5	95.3	95.9	97.5	97.7	98.6	98.8
>= 100	24.5	60.1	67.1	73.4	79.8	81.6	86.0	88.7	90.6	93.5	95.3	95.9	97.7	97.9	99.3	99.8
>= 0	24.5	60.1	67.1	73.4	79.8	81.6	86.0	88.7	90.6	93.5	95.3	95.9	97.7	97.9	99.4	100.0

TOTAL NO. OF OBS : 973

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.8	46.1	49.2	51.1	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
>=20000	23.2	48.6	52.2	54.1	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
>=18000	23.5	49.0	52.6	54.6	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
>=16000	23.5	49.0	52.6	54.6	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
>=14000	23.6	49.1	52.7	54.7	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
>=12000	24.3	50.7	54.4	56.4	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
>=10000	25.1	53.3	57.4	59.8	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
>= 9000	25.1	53.3	57.4	59.8	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
>= 8000	25.6	55.1	59.4	62.0	63.1	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
>= 7000	25.6	56.3	60.8	63.5	64.8	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
>= 6000	26.0	57.0	61.6	64.5	66.0	66.2	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>= 5000	26.2	57.6	62.4	65.3	66.8	67.1	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>= 4500	26.3	58.0	62.7	65.8	67.3	67.6	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
>= 4000	27.1	59.6	64.5	67.7	69.2	69.5	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>= 3500	27.4	60.6	65.6	68.7	70.2	70.5	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
>= 3000	27.9	62.3	67.7	71.0	72.7	73.0	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
>= 2500	28.7	64.1	69.5	72.9	74.8	75.1	75.7	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0
>= 2000	29.3	66.3	71.8	75.7	77.5	77.8	78.4	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7
>= 1800	29.3	66.4	71.9	75.8	77.6	77.9	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
>= 1500	30.0	67.7	73.7	77.8	79.6	79.9	80.5	80.6	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9
>= 1200	30.4	68.6	74.6	78.9	81.0	81.3	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2
>= 1000	30.7	69.8	76.0	80.7	83.0	83.4	84.4	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.1	85.1
>= 900	30.7	70.4	76.9	81.8	84.1	84.5	85.5	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.3	86.3
>= 800	30.7	70.7	77.6	82.7	85.2	85.9	87.1	87.6	87.8	87.8	87.9	87.9	87.9	87.9	88.0	88.0
>= 700	30.7	70.9	78.0	83.4	86.0	87.1	88.4	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.6	89.6
>= 600	30.7	71.2	78.5	84.3	87.6	88.9	90.8	91.6	91.9	92.1	92.3	92.3	92.3	92.3	92.4	92.4
>= 500	30.8	71.6	79.2	85.2	89.0	90.3	93.1	94.5	95.2	95.5	95.7	95.7	95.7	95.7	95.8	95.8
>= 400	30.8	71.6	79.3	85.5	89.6	91.1	94.5	96.3	97.2	97.7	97.9	98.0	98.0	98.0	98.1	98.1
>= 300	30.8	71.6	79.3	85.5	90.0	91.5	94.9	97.0	98.0	98.5	99.2	99.3	99.3	99.3	99.4	99.4
>= 200	30.8	71.6	79.3	85.5	90.0	91.5	94.9	97.2	98.2	98.7	99.5	99.6	99.7	99.7	99.9	99.9
>= 100	30.8	71.6	79.3	85.5	90.0	91.5	94.9	97.2	98.2	98.7	99.5	99.6	99.7	99.7	100.0	100.0
>= 0	30.8	71.6	79.3	85.5	90.0	91.5	94.9	97.2	98.2	98.7	99.5	99.6	99.7	99.7	100.0	100.0

TOTAL NO. OF OBS : 987

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUN
CLASS : ALL WEATHER — HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.0	43.7	46.0	47.8	47.9	48.0	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
>=20000	24.3	46.9	49.4	51.2	51.4	51.5	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=18000	24.3	46.9	49.4	51.2	51.4	51.5	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=16000	24.3	46.9	49.4	51.2	51.4	51.5	51.5	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=14000	24.6	47.6	50.0	51.8	52.0	52.1	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
>=12000	25.6	48.9	51.3	53.3	53.5	53.6	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=10000	26.9	51.2	53.9	56.0	56.2	56.3	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>= 9000	26.9	51.5	54.2	56.3	56.5	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
>= 8000	27.3	53.0	56.1	58.6	58.9	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>= 7000	27.6	54.0	57.2	59.8	60.2	60.3	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>= 6000	27.7	54.9	58.5	61.2	61.6	61.7	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
>= 5000	28.5	56.8	60.7	63.6	64.1	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>= 4500	29.0	57.8	61.7	64.7	65.2	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
>= 4000	31.0	62.2	66.3	69.7	70.4	70.5	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>= 3500	31.4	63.8	67.9	71.3	72.1	72.2	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>= 3000	32.1	67.1	71.9	75.3	76.1	76.2	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>= 2500	32.9	69.7	74.6	78.2	79.0	79.1	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
>= 2000	33.4	71.7	77.1	80.7	81.6	81.8	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
>= 1800	33.6	72.1	77.5	81.1	82.1	82.3	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
>= 1500	33.7	73.3	79.0	83.1	84.2	84.6	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
>= 1200	34.0	74.5	80.3	84.6	85.9	86.4	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
>= 1000	34.1	75.9	81.8	86.0	87.8	88.3	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
>= 900	34.1	76.2	82.3	86.6	88.3	88.8	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
>= 800	34.2	77.2	84.1	89.1	91.2	91.9	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
>= 700	34.3	77.6	84.6	89.9	92.5	93.3	94.0	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
>= 600	34.3	78.0	85.3	91.0	93.7	94.5	95.3	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
>= 500	34.3	78.3	85.7	91.4	94.4	95.2	96.4	97.3	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8
>= 400	34.3	78.4	85.8	91.5	94.6	95.5	96.8	97.8	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.6
>= 300	34.3	78.4	85.8	91.5	94.6	95.7	97.0	98.2	98.4	99.0	99.2	99.2	99.5	99.5	99.5	99.5
>= 200	34.3	78.4	85.8	91.5	94.6	95.7	97.1	98.3	98.5	99.1	99.3	99.3	99.7	99.7	99.8	99.8
>= 100	34.3	78.4	85.8	91.5	94.6	95.7	97.1	98.3	98.5	99.1	99.3	99.3	99.8	99.8	100.0	100.0
>= 0	34.3	78.4	85.8	91.5	94.6	95.7	97.1	98.3	98.5	99.1	99.3	99.3	99.8	99.8	100.0	100.0

TOTAL NO. OF OBS : 982

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUN
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.0	47.8	49.7	50.7	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
>=20000	25.3	51.6	53.9	55.1	55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
>=18000	25.4	51.7	54.0	55.2	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
>=16000	25.4	51.7	54.0	55.2	55.7	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
>=14000	25.7	52.0	54.3	55.5	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
>=12000	26.4	53.6	56.2	57.5	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
>=10000	27.2	55.7	58.8	60.1	60.7	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
>= 9000	27.5	56.3	59.4	60.7	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>= 8000	28.3	59.3	62.6	64.1	64.7	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
>= 7000	28.7	60.9	64.3	66.0	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>= 6000	29.0	62.3	65.8	67.5	68.2	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
>= 5000	30.0	64.2	67.9	69.8	70.8	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
>= 4500	30.2	65.3	69.0	70.8	71.8	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>= 4000	31.4	68.3	72.0	74.0	75.3	75.7	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>= 3500	31.9	69.6	73.3	75.2	76.6	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
>= 3000	33.2	72.3	76.3	78.2	79.5	80.1	80.4	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7
>= 2500	33.2	73.2	77.4	79.7	81.1	81.6	81.9	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3
>= 2000	33.5	74.5	78.9	81.3	82.8	83.4	83.8	83.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2
>= 1800	33.5	74.7	79.1	81.5	83.1	83.7	84.1	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6
>= 1500	33.6	76.1	80.6	83.0	84.8	85.5	85.9	86.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6
>= 1200	34.1	77.4	82.1	84.7	86.5	87.3	87.7	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4
>= 1000	34.1	77.9	82.9	85.6	87.8	88.5	89.0	89.6	89.6	89.8	90.0	90.0	90.0	90.0	90.0	90.0
>= 900	34.1	78.3	83.4	86.1	88.4	89.1	89.7	90.3	90.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9
>= 800	34.1	78.7	84.2	87.1	89.7	90.5	91.4	92.1	92.1	92.5	92.8	92.8	92.8	92.8	92.8	92.8
>= 700	34.1	78.8	84.4	87.6	90.3	91.2	92.1	92.9	92.9	93.4	93.7	93.7	93.7	93.7	93.7	93.7
>= 600	34.1	79.1	84.7	88.1	91.2	92.1	93.3	94.2	94.3	95.0	95.3	95.3	95.3	95.3	95.3	95.3
>= 500	34.2	79.3	84.9	88.4	91.6	92.6	94.1	95.4	95.5	96.2	96.6	96.6	96.6	96.6	96.6	96.6
>= 400	34.2	79.3	85.0	88.5	91.9	93.1	94.8	96.2	96.4	97.1	97.7	97.7	97.8	97.8	97.8	97.8
>= 300	34.2	79.4	85.1	88.8	92.3	93.5	95.2	96.6	96.9	97.8	98.8	98.8	98.9	98.9	98.9	98.9
>= 200	34.2	79.4	85.1	88.8	92.3	93.5	95.2	96.7	97.1	98.3	99.5	99.5	99.9	99.9	99.9	99.9
>= 100	34.2	79.4	85.1	88.8	92.3	93.5	95.2	96.7	97.1	98.3	99.5	99.5	99.9	99.9	99.9	99.9
>= 0	34.2	79.4	85.1	88.8	92.3	93.5	95.2	96.7	97.1	98.3	99.5	99.5	99.9	99.9	99.9	100.0

TOTAL NO. OF OBS : 973

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JUN
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.3	46.6	48.1	49.6	50.5	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
>=20000	23.9	50.9	53.0	54.8	55.8	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
>=18000	24.1	51.2	53.3	55.1	56.1	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
>=16000	24.2	51.4	53.4	55.2	56.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
>=14000	24.3	51.8	54.0	55.7	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
>=12000	25.0	53.5	55.7	57.9	59.1	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
>=10000	26.0	56.9	59.8	62.4	63.9	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>= 9000	26.4	57.5	60.4	63.0	64.5	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
>= 8000	27.8	60.9	64.3	67.3	69.0	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
>= 7000	28.4	62.5	65.9	69.0	70.7	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
>= 6000	28.6	63.6	67.2	70.2	72.0	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>= 5000	29.2	64.9	68.8	71.8	74.2	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
>= 4500	29.3	65.3	69.3	72.3	74.7	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
>= 4000	29.9	67.3	71.4	74.5	76.9	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
>= 3500	30.1	67.8	71.9	75.0	77.6	78.5	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
>= 3000	30.8	70.0	74.3	77.7	80.4	81.4	81.5	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
>= 2500	30.9	70.6	74.9	78.4	81.5	82.5	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>= 2000	31.0	71.5	75.8	79.4	82.4	83.5	83.9	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
>= 1800	31.1	71.7	76.0	79.7	82.7	83.9	84.3	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
>= 1500	31.4	72.8	77.3	80.9	84.2	85.3	85.8	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
>= 1200	31.5	73.2	77.8	81.6	85.0	86.1	86.8	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>= 1000	31.8	74.1	78.6	82.4	86.2	87.4	88.1	88.5	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
>= 900	31.8	74.2	78.7	82.6	86.6	87.7	88.4	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
>= 800	31.8	74.5	79.2	83.1	87.1	88.2	89.3	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>= 700	31.8	74.9	79.7	83.6	87.8	89.2	90.4	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
>= 600	31.8	74.9	79.8	83.9	88.0	89.4	90.8	92.0	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6
>= 500	31.8	74.9	79.9	84.2	88.6	90.4	92.3	93.9	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9
>= 400	31.8	75.0	80.1	84.5	89.0	90.7	93.1	95.2	95.8	96.1	96.5	96.5	96.5	96.5	96.5	96.5
>= 300	31.8	75.0	80.1	84.5	89.0	90.7	93.1	95.5	96.4	97.2	97.6	97.6	97.6	97.6	97.6	97.6
>= 200	31.8	75.0	80.1	84.5	89.0	90.7	93.2	95.7	96.7	97.8	98.6	98.7	99.1	99.4	99.5	99.5
>= 100	31.8	75.0	80.1	84.5	89.0	90.7	93.2	95.7	96.7	97.8	98.6	98.7	99.2	99.5	99.8	99.9
>= 0	31.8	75.0	80.1	84.5	89.0	90.7	93.2	95.7	96.7	97.8	98.6	98.7	99.2	99.5	99.8	100.0

TOTAL NO. OF OBS : 960

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUN
CLASS : ALL WEATHER — HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	15.8	48.0	51.1	53.1	55.4	55.6	56.4	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0
>=20000	16.1	49.6	53.1	55.4	57.6	57.9	58.7	59.1	59.1	59.2	59.2	59.2	59.4	59.4	59.4	59.4
>=18000	16.1	49.6	53.1	55.4	57.6	57.9	58.7	59.1	59.1	59.2	59.2	59.2	59.4	59.4	59.4	59.4
>=16000	16.1	49.6	53.1	55.4	57.6	57.9	58.7	59.1	59.1	59.2	59.2	59.2	59.4	59.4	59.4	59.4
>=14000	16.1	49.9	53.5	55.7	58.0	58.2	59.1	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7
>=12000	16.3	51.2	55.0	57.2	59.5	59.7	60.7	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.3	61.3
>=10000	16.8	54.1	58.0	60.3	62.8	63.1	64.2	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8
>= 9000	17.1	54.4	58.2	60.7	63.3	63.6	64.7	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3
>= 8000	17.7	57.0	61.0	63.8	66.5	66.7	68.0	68.3	68.3	68.5	68.5	68.5	68.6	68.6	68.6	68.6
>= 7000	17.7	58.2	62.2	65.1	67.7	68.0	69.3	69.7	69.7	69.8	69.8	69.8	70.0	70.0	70.0	70.0
>= 6000	17.7	59.0	63.0	65.8	68.5	68.7	70.1	70.4	70.4	70.6	70.6	70.6	70.7	70.7	70.7	70.7
>= 5000	18.1	60.2	64.5	67.6	70.4	70.7	72.1	72.4	72.4	72.6	72.6	72.6	72.7	72.7	72.7	72.7
>= 4500	18.2	61.0	65.3	68.5	71.4	71.7	73.2	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8
>= 4000	18.2	62.5	67.1	70.3	73.4	73.7	75.3	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9
>= 3500	18.3	62.7	67.3	70.7	73.9	74.2	75.8	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4
>= 3000	18.6	63.5	68.5	72.1	75.3	75.6	77.3	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9
>= 2500	19.1	64.7	69.8	73.4	76.7	76.9	78.7	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3
>= 2000	19.1	65.0	70.1	73.9	77.2	77.4	79.4	79.8	79.8	80.0	80.0	80.0	80.2	80.2	80.2	80.2
>= 1800	19.2	65.1	70.2	74.1	77.3	77.6	79.6	79.9	79.9	80.2	80.2	80.2	80.3	80.3	80.3	80.3
>= 1500	19.3	65.5	70.6	74.6	77.8	78.1	80.0	80.5	80.5	80.8	80.8	80.8	80.9	80.9	80.9	80.9
>= 1200	19.7	66.0	71.1	75.1	78.4	78.7	80.8	81.3	81.3	81.5	81.5	81.5	81.7	81.7	81.7	81.7
>= 1000	19.7	66.1	71.6	75.6	79.6	79.8	82.2	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0
>= 900	19.7	66.2	71.7	75.8	80.0	80.3	82.7	83.2	83.2	83.4	83.4	83.4	83.7	83.7	83.7	83.7
>= 800	19.7	66.6	72.2	76.7	81.2	81.5	84.0	84.5	84.5	84.8	84.8	84.8	85.0	85.0	85.0	85.0
>= 700	19.8	66.8	72.6	77.1	81.5	81.9	84.5	85.0	85.0	85.3	85.3	85.3	85.5	85.5	85.5	85.5
>= 600	19.8	67.5	73.7	78.4	83.2	83.5	86.8	87.3	87.3	87.5	87.5	87.5	87.8	87.8	87.8	87.8
>= 500	19.8	67.7	74.3	79.6	85.0	85.4	88.8	89.3	89.3	89.5	89.5	89.5	89.8	89.8	89.8	89.8
>= 400	19.8	68.0	74.9	80.2	85.8	86.3	89.9	90.9	91.1	91.4	91.5	91.5	91.8	91.8	91.8	91.8
>= 300	19.8	68.2	75.2	80.4	86.4	87.2	91.4	92.6	93.1	93.8	94.0	94.0	94.6	94.6	94.6	94.6
>= 200	19.8	68.2	75.3	80.5	86.7	87.4	92.1	93.5	94.5	95.4	96.1	96.3	97.1	97.1	97.4	97.6
>= 100	19.8	68.2	75.3	80.5	86.7	87.4	92.3	93.6	94.6	95.6	96.8	96.9	98.1	98.1	98.9	99.4
>= 0	19.8	68.2	75.3	80.5	86.7	87.4	92.3	93.6	94.6	95.6	96.8	96.9	98.1	98.1	99.0	100.0

TOTAL NO. OF OBS : 802

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945 1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JUN
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.7	43.9	46.8	48.9	50.1	50.4	50.9	51.1	51.2	51.5	51.5	51.5	51.6	51.6	51.6	51.7
>=20000	20.0	46.7	49.8	52.1	53.4	53.7	54.3	54.5	54.6	54.9	54.9	54.9	55.0	55.0	55.1	55.1
>=18000	20.1	46.8	50.0	52.3	53.6	53.9	54.5	54.7	54.8	55.0	55.1	55.1	55.2	55.2	55.3	55.3
>=16000	20.1	46.8	50.0	52.4	53.6	54.0	54.5	54.7	54.8	55.1	55.1	55.1	55.2	55.2	55.3	55.3
>=14000	20.3	47.2	50.5	52.8	54.1	54.4	55.0	55.2	55.3	55.6	55.7	55.7	55.7	55.7	55.8	55.8
>=12000	20.8	48.6	52.0	54.4	55.7	56.1	56.7	56.9	57.0	57.3	57.3	57.3	57.4	57.4	57.5	57.5
>=10000	21.6	51.1	54.8	57.5	59.0	59.3	60.0	60.3	60.4	60.7	60.7	60.7	60.8	60.8	60.9	60.9
>= 9000	21.7	51.4	55.2	57.9	59.4	59.7	60.5	60.7	60.8	61.1	61.2	61.2	61.2	61.2	61.3	61.3
>= 8000	22.4	53.9	57.9	60.9	62.5	62.9	63.8	64.1	64.2	64.5	64.5	64.5	64.6	64.6	64.7	64.7
>= 7000	22.7	55.2	59.4	62.4	64.2	64.6	65.5	65.8	65.9	66.2	66.3	66.3	66.3	66.3	66.4	66.4
>= 6000	22.9	56.1	60.4	63.6	65.4	65.9	66.8	67.1	67.2	67.5	67.6	67.6	67.7	67.7	67.7	67.8
>= 5000	23.4	57.5	62.0	65.2	67.2	67.8	68.7	69.1	69.2	69.6	69.6	69.6	69.7	69.7	69.8	69.8
>= 4500	23.5	58.0	62.6	65.9	67.9	68.5	69.4	69.8	69.9	70.3	70.3	70.3	70.4	70.4	70.5	70.5
>= 4000	24.2	59.9	64.6	68.1	70.2	70.8	71.8	72.1	72.3	72.7	72.7	72.7	72.8	72.8	72.9	72.9
>= 3500	24.5	60.7	65.4	68.9	71.1	71.7	72.7	73.0	73.2	73.6	73.7	73.7	73.8	73.8	73.8	73.9
>= 3000	25.0	62.4	67.5	71.1	73.4	74.0	75.1	75.5	75.7	76.1	76.2	76.2	76.3	76.3	76.4	76.4
>= 2500	25.4	63.5	68.6	72.4	74.8	75.4	76.5	76.9	77.1	77.5	77.7	77.7	77.8	77.8	77.8	77.9
>= 2000	25.6	64.6	69.9	73.8	76.3	76.9	78.2	78.5	78.7	79.2	79.3	79.3	79.4	79.4	79.5	79.5
>= 1800	25.7	64.9	70.1	74.1	76.6	77.2	78.5	78.9	79.1	79.5	79.6	79.6	79.7	79.7	79.8	79.8
>= 1500	25.9	65.8	71.2	75.3	77.9	78.6	79.9	80.4	80.6	81.1	81.2	81.2	81.3	81.3	81.4	81.4
>= 1200	26.2	66.5	72.0	76.2	79.0	79.7	81.1	81.6	81.8	82.2	82.4	82.4	82.5	82.5	82.5	82.6
>= 1000	26.4	67.3	73.0	77.4	80.5	81.3	82.8	83.4	83.6	84.1	84.3	84.3	84.4	84.4	84.5	84.5
>= 900	26.4	67.6	73.4	77.9	81.0	81.8	83.5	84.0	84.3	84.8	84.9	84.9	85.1	85.1	85.2	85.2
>= 800	26.5	68.1	74.2	78.9	82.3	83.2	85.0	85.8	86.0	86.6	86.7	86.7	86.9	86.9	87.0	87.0
>= 700	26.5	68.4	74.6	79.6	83.1	84.1	86.1	86.9	87.2	87.7	87.9	87.9	88.0	88.0	88.1	88.2
>= 600	26.5	68.7	75.1	80.3	84.2	85.3	87.5	88.5	88.9	89.5	89.7	89.7	89.9	89.9	90.0	90.0
>= 500	26.6	69.0	75.5	81.0	85.2	86.5	89.3	90.6	91.1	91.9	92.1	92.1	92.3	92.3	92.4	92.4
>= 400	26.6	69.1	75.7	81.3	85.8	87.2	90.2	92.0	92.6	93.6	94.0	94.1	94.3	94.3	94.4	94.4
>= 300	26.6	69.1	75.8	81.5	86.1	87.5	90.8	92.8	93.6	95.1	95.8	95.9	96.3	96.3	96.4	96.4
>= 200	26.6	69.1	75.8	81.5	86.2	87.6	91.0	93.2	94.0	95.9	96.9	97.0	97.9	98.0	98.3	98.4
>= 100	26.6	69.1	75.8	81.5	86.2	87.6	91.1	93.2	94.1	96.0	97.1	97.2	98.3	98.4	99.1	99.4
>= 0	26.6	69.1	75.8	81.5	86.2	87.6	91.1	93.2	94.1	96.0	97.1	97.2	98.3	98.4	99.2	100.0

TOTAL NO. OF OBS : 7228

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.9	2.5	.9	.2	.0	.0	.0	.0	.0	.0	.0	4.4	5.4
NNE	.1	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.3
NE	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.4
ENE	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.2
E	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.2
ESE	.6	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.9	3.7
SE	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.7
SSE	1.4	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.4
S	6.4	6.9	2.7	.5	.0	.0	.0	.0	.0	.0	.0	16.5	4.5
SSW	3.7	7.9	4.2	.5	.0	.0	.0	.0	.0	.0	.0	16.3	5.3
SW	2.2	3.6	3.3	.6	.0	.0	.0	.0	.0	.0	.0	9.8	5.9
WSW	1.5	2.0	.6	.1	.0	.0	.0	.0	.0	.0	.0	4.2	4.6
W	3.0	2.7	1.1	.0	.0	.0	.0	.0	.0	.0	.0	6.8	4.1
WNW	1.1	1.6	.7	.1	.0	.0	.0	.0	.0	.0	.0	3.6	5.1
NW	1.6	1.1	.4	.2	.0	.0	.0	.0	.0	.0	.0	3.3	4.6
NNW	1.0	1.5	.7	.4	.0	.0	.0	.0	.0	.0	.0	3.6	5.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24.9	.0
ALL	24.8	32.0	15.4	2.8	.0	.0	.0	.0	.0	.0	.0	100.0	3.7

TOTAL NO. OF OBS : 810

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.5	1.9	.9	.1	.0	.0	.0	.0	.0	.0	.0	4.3	5.1
NNE	.6	.7	.5	.2	.1	.0	.0	.0	.0	.0	.0	2.2	6.3
NE	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0
ENE	.4	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.0	4.8
E	.7	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.2	4.1
ESE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.0
SE	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.9
SSE	1.2	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.4
S	5.7	5.6	2.5	.2	.0	.0	.0	.0	.0	.0	.0	14.0	4.4
SSW	3.2	5.6	3.3	.2	.0	.0	.0	.0	.0	.0	.0	12.4	5.3
SW	1.6	3.5	3.1	.2	.1	.0	.0	.0	.0	.0	.0	8.5	6.1
WSW	2.2	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.6	3.5
W	2.8	2.8	.7	.0	.1	.0	.0	.0	.0	.0	.0	6.6	4.3
WNW	2.1	1.7	.9	.1	.0	.0	.0	.0	.0	.0	.0	4.8	4.5
NW	2.7	1.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	4.5	3.5
NNW	1.5	1.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28.8	.0
ALL	28.3	27.2	13.7	1.5	.4	.0	.0	.0	.0	.0	.0	100.0	3.3

TOTAL NO. OF OBS : 808

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.3	2.6	2.2	.1	.1	.0	.0	.0	.0	.0	.0	6.3	5.8
NNE	1.4	2.4	1.0	.2	.0	.0	.0	.0	.0	.0	.0	5.0	5.0
NE	.9	1.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	2.8	5.5
ENE	.4	.7	.2	.3	.0	.0	.0	.0	.0	.0	.0	1.6	5.8
E	1.0	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.8
ESE	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.0
SE	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.4
SSE	1.8	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.7
S	2.7	4.6	3.2	.5	.0	.0	.0	.0	.0	.0	.0	11.0	5.6
SSW	2.1	6.1	4.0	.5	.0	.0	.0	.0	.0	.0	.0	12.6	5.8
SW	2.0	4.6	3.6	.3	.0	.0	.0	.0	.0	.0	.0	10.5	6.0
WSW	2.0	3.2	2.0	.1	.0	.0	.0	.0	.0	.0	.0	7.2	5.2
W	1.8	5.0	2.1	.3	.0	.0	.0	.0	.0	.0	.0	9.1	5.4
WNW	1.6	3.4	2.0	.7	.0	.0	.0	.0	.0	.0	.0	7.6	5.9
NW	1.4	2.4	2.2	.7	.0	.0	.0	.0	.0	.0	.0	6.6	5.9
NNW	.6	2.1	1.6	.2	.0	.0	.0	.0	.0	.0	.0	4.4	6.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	.0
ALL	21.7	40.1	24.8	3.9	.2	.0	.0	.0	.0	.0	.0	100.0	5.0

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.9	3.2	2.2	.3	.0	.0	.0	.0	.0	.0	.0	6.5	6.1
NNE	.7	2.6	2.3	.5	.0	.0	.0	.0	.0	.0	.0	6.1	6.5
NE	1.4	1.2	.8	.4	.1	.0	.0	.0	.0	.0	.0	3.8	5.7
ENE	.7	1.4	1.2	.2	.0	.0	.0	.0	.0	.0	.0	3.5	5.8
E	.8	1.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	2.2	4.7
ESE	.8	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.8
SE	.6	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.1
SSE	.4	1.6	.3	.0	.1	.0	.0	.0	.0	.0	.0	2.4	5.5
S	2.0	3.1	3.2	.9	.0	.0	.0	.0	.0	.0	.0	9.1	6.3
SSW	.9	5.2	5.0	2.1	.0	.0	.0	.0	.0	.0	.0	13.2	7.3
SW	1.3	3.0	5.6	1.6	.0	.0	.0	.0	.0	.0	.0	11.5	7.6
WSW	1.6	2.8	3.9	.8	.0	.0	.0	.0	.0	.0	.0	9.1	6.6
W	1.7	4.0	3.5	.9	.0	.0	.0	.0	.0	.0	.0	10.1	6.4
WNW	1.2	2.7	2.8	1.0	.1	.0	.0	.0	.0	.0	.0	7.8	6.9
NW	.7	1.3	2.0	.5	.2	.0	.0	.0	.0	.0	.0	4.7	7.7
NNW	.2	1.0	1.5	.5	.0	.0	.0	.0	.0	.0	.0	3.2	7.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	.0
ALL	15.9	35.5	34.8	9.6	.5	.0	.0	.0	.0	.0	.0	100.0	6.4

TOTAL NO. OF OBS : 1040

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JUL
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.1	2.3	1.1	.1	.0	.0	.0	.0	.0	.0	.0	4.5	5.3
NNE	.4	1.7	1.9	.5	.1	.0	.0	.0	.0	.0	.0	4.6	7.1
NE	.6	1.4	1.5	.3	.0	.0	.0	.0	.0	.0	.0	3.8	6.6
ENE	1.1	1.4	1.1	.1	.0	.0	.0	.0	.0	.0	.0	3.6	5.3
E	1.2	2.5	1.2	.2	.0	.0	.0	.0	.0	.0	.0	5.0	5.3
ESE	.2	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.1
SE	.6	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.8	5.7
SSE	.2	1.5	.5	.2	.0	.1	.0	.0	.0	.0	.0	2.5	6.9
S	.9	3.3	3.6	1.3	.0	.0	.0	.0	.0	.0	.0	9.0	7.4
SSW	.7	2.8	6.7	3.6	.3	.0	.0	.0	.0	.0	.0	14.0	8.9
SW	.5	3.3	6.0	2.2	.1	.0	.0	.0	.0	.0	.0	12.0	8.2
WSW	.8	3.0	4.4	1.2	.1	.0	.0	.0	.0	.0	.0	9.5	7.8
W	1.0	3.1	5.8	1.5	.2	.0	.0	.0	.0	.0	.0	11.5	7.8
WNW	.1	1.8	3.6	1.0	.2	.0	.0	.0	.0	.0	.0	6.6	8.5
NW	.1	1.6	1.7	1.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.2
NNW	.3	1.1	1.2	.6	.0	.0	.0	.0	.0	.0	.0	3.1	7.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	.0
ALL	9.4	32.4	41.3	13.8	1.0	.1	.0	.0	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 1042

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JUL
HOUR : 1600 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.3	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.3	6.1
NNE	.4	1.4	.8	.1	.0	.0	.0	.0	.0	.0	.0	2.7	6.1
NE	.5	1.8	1.1	.3	.1	.0	.0	.0	.0	.0	.0	3.7	6.7
ENE	.7	1.4	1.2	.1	.0	.0	.0	.0	.0	.0	.0	3.5	5.6
E	1.6	4.3	1.9	.0	.0	.0	.0	.0	.0	.0	.0	7.9	5.1
ESE	1.4	2.9	1.1	.1	.0	.0	.0	.0	.0	.0	.0	5.5	5.2
SE	.4	2.2	.9	.1	.0	.0	.0	.0	.0	.0	.0	3.6	5.5
SSE	.5	1.2	1.5	.2	.0	.0	.1	.0	.0	.0	.0	3.6	7.4
S	.7	3.6	5.7	2.1	.0	.0	.0	.0	.0	.0	.0	12.1	8.0
SSW	.4	2.9	8.0	4.6	.2	.0	.0	.0	.0	.0	.0	16.0	9.2
SW	.2	1.4	6.1	2.8	.3	.0	.0	.0	.0	.0	.0	10.8	9.4
WSW	.6	2.1	2.9	.9	.1	.0	.0	.0	.0	.0	.0	6.5	7.8
W	.8	2.9	5.7	.9	.0	.0	.0	.0	.0	.0	.0	10.2	7.4
WNW	.2	1.0	3.0	1.9	.1	.0	.0	.0	.0	.0	.0	6.1	9.4
NW	.0	.8	2.1	.6	.0	.0	.0	.0	.0	.0	.0	3.5	8.4
NNW	.0	.5	.6	.5	.1	.0	.0	.0	.0	.0	.0	1.6	9.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0
ALL	8.5	31.1	42.8	15.2	.9	.0	.1	.0	.0	.0	.0	100.0	7.6

TOTAL NO. OF OBS : 1042

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
CLASS : ALL WEATHER HOUR : 1900 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.6	.7	.7	.3	.0	.0	.0	.0	.0	.0	.0	2.2	6.3
NNE	.3	.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	1.2	6.7
NE	.7	1.0	.2	.1	.0	.0	.1	.0	.0	.0	.0	2.1	6.0
ENE	.9	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.5
E	2.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	2.8
ESE	2.8	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.0	3.0
SE	2.2	1.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.2
SSE	3.1	2.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	6.2	3.7
S	2.6	8.8	6.9	1.2	.0	.0	.0	.0	.0	.0	.0	19.6	6.1
SSW	2.0	5.4	9.3	1.9	.0	.0	.0	.0	.0	.0	.0	18.5	7.3
SW	1.7	4.3	3.7	.6	.0	.0	.0	.0	.0	.0	.0	10.3	6.2
WSW	1.1	3.4	.2	.3	.0	.0	.0	.0	.0	.0	.0	5.0	5.0
W	2.0	2.2	1.3	.1	.0	.0	.0	.0	.0	.0	.0	5.5	5.0
WNW	1.1	1.2	1.1	.4	.0	.0	.0	.0	.0	.0	.0	3.7	5.9
NW	.3	.9	.9	.3	.0	.0	.0	.0	.0	.0	.0	2.3	7.0
NNW	.4	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	1.4	6.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7	.0
ALL	23.9	34.1	26.7	5.4	.1	.0	.1	.0	.0	.0	.0	100.0	5.2

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JUL
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.8	1.2	1.1	.4	.0	.0	.0	.0	.0	.0	.0	3.4	6.1
NNE	.2	.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	1.1	6.9
NE	.5	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.9	4.5
ENE	.6	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.4	5.3
E	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.4
ESE	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.8
SE	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.4
SSE	1.3	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.1
S	7.3	7.9	4.0	.6	.0	.0	.0	.0	.0	.0	.0	19.9	4.8
SSW	5.1	8.1	7.2	.5	.0	.0	.0	.0	.0	.0	.0	20.9	5.6
SW	1.7	5.1	3.1	.4	.0	.0	.0	.0	.0	.0	.0	10.2	5.8
WSW	1.2	2.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.7
W	2.6	2.1	.7	.1	.0	.0	.0	.0	.0	.0	.0	5.6	4.2
WNW	.5	1.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	2.5	5.0
NW	1.7	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.0
NNW	.5	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	1.9	5.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.2	.0
ALL	25.5	31.8	19.1	2.5	.0	.0	.0	.0	.0	.0	.0	100.0	4.0

TOTAL NO. OF OBS : 844

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.9	1.9	1.2	.2	.0*	.0	.0	.0	.0	.0	.0	4.1	5.7
NNE	.5	1.3	1.0	.2	.0*	.0	.0	.0	.0	.0	.0	3.1	6.2
NE	.7	1.0	.6	.2	.0*	.0	.0*	.0	.0	.0	.0	2.5	5.9
ENE	.6	.9	.6	.1	.0	.0	.0	.0	.0	.0	.0	2.2	5.3
E	1.1	1.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	3.0	4.6
ESE	.9	.7	.3	.0*	.0	.0	.0	.0	.0	.0	.0	2.0	4.4
SE	.8	.9	.3	.0*	.0	.0	.0	.0	.0	.0	.0	2.0	4.4
SSE	1.2	1.2	.5	.1	.0*	.0*	.0*	.0	.0	.0	.0	3.0	4.8
S	3.3	5.4	4.0	1.0	.0	.0	.0	.0	.0	.0	.0	13.7	5.8
SSW	2.1	5.3	6.1	1.8	.1	.0	.0	.0	.0	.0	.0	15.4	7.0
SW	1.3	3.6	4.4	1.2	.1	.0	.0	.0	.0	.0	.0	10.5	7.1
WSW	1.3	2.5	2.0	.5	.0*	.0	.0	.0	.0	.0	.0	6.3	6.2
W	1.9	3.1	2.8	.5	.0*	.0	.0	.0	.0	.0	.0	8.3	6.0
WNW	1.0	1.9	1.9	.7	.1	.0	.0	.0	.0	.0	.0	5.5	6.8
NW	1.0	1.3	1.3	.4	.0*	.0	.0	.0	.0	.0	.0	4.0	6.4
NNW	.5	1.1	.9	.3	.0*	.0	.0	.0	.0	.0	.0	2.8	6.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.6	.0
ALL	19.2	33.2	28.3	7.2	.4	.0*	.0*	.0	.0	.0	.0	100.0	5.5

TOTAL NO. OF OBS : 7632

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	12.2	44.4	47.9	51.0	54.0	54.5	56.4	57.0	57.1	57.9	58.0	58.1	58.1	58.1	58.1	58.3
>=20000	12.5	47.1	50.9	54.4	57.5	58.0	60.0	60.8	60.9	61.7	61.8	61.9	61.9	61.9	61.9	62.0
>=18000	12.5	47.1	50.9	54.4	57.5	58.0	60.0	60.8	60.9	61.7	61.8	61.9	61.9	61.9	61.9	62.0
>=16000	12.5	47.1	50.9	54.4	57.5	58.0	60.0	60.8	60.9	61.7	61.8	61.9	61.9	61.9	61.9	62.0
>=14000	12.8	47.5	51.4	55.0	58.1	58.6	60.7	61.4	61.5	62.3	62.4	62.5	62.5	62.5	62.5	62.7
>=12000	13.0	48.6	52.5	56.1	59.3	59.8	61.8	62.5	62.7	63.4	63.5	63.7	63.7	63.7	63.7	63.8
>=10000	13.9	51.8	56.0	60.0	63.3	63.8	65.9	66.7	66.8	67.5	67.7	67.8	67.8	67.8	67.9	68.0
>= 9000	13.9	52.3	57.0	61.2	64.5	65.0	67.2	67.9	68.0	68.8	68.9	69.0	69.0	69.0	69.2	69.3
>= 8000	14.2	54.5	59.5	63.8	67.4	67.9	70.1	70.8	70.9	71.7	71.8	71.9	71.9	71.9	72.1	72.2
>= 7000	14.2	55.0	60.0	64.3	67.9	68.4	70.8	71.6	71.7	72.4	72.6	72.7	72.7	72.7	72.8	72.9
>= 6000	14.3	55.8	60.8	65.0	68.8	69.3	71.8	72.6	72.7	73.4	73.6	73.7	73.7	73.7	73.8	73.9
>= 5000	14.4	56.6	61.9	66.3	70.1	70.6	73.1	73.9	74.1	74.8	74.9	75.1	75.1	75.1	75.2	75.3
>= 4500	14.5	56.9	62.2	66.7	70.6	71.1	73.6	74.4	74.6	75.3	75.4	75.6	75.6	75.6	75.7	75.8
>= 4000	14.7	57.8	63.4	68.0	71.9	72.4	74.9	75.8	75.9	76.7	76.9	77.1	77.1	77.1	77.2	77.3
>= 3500	14.8	58.3	63.9	68.5	72.6	73.1	75.7	76.6	76.7	77.4	77.7	77.8	77.8	77.8	77.9	78.1
>= 3000	14.8	58.6	64.3	69.0	73.1	73.6	76.2	77.1	77.2	77.9	78.2	78.3	78.3	78.3	78.4	78.6
>= 2500	14.8	59.0	64.7	69.4	73.4	73.9	76.6	77.4	77.6	78.3	78.6	78.7	78.7	78.7	78.8	78.9
>= 2000	14.9	59.3	65.8	70.7	74.9	75.4	78.1	79.1	79.2	79.9	80.2	80.3	80.3	80.3	80.5	80.6
>= 1800	14.9	59.4	66.0	71.1	75.3	75.8	78.4	79.4	79.6	80.3	80.6	80.7	80.7	80.7	80.8	81.0
>= 1500	14.9	59.8	66.5	71.7	76.2	76.7	79.4	80.5	80.6	81.6	81.8	82.0	82.0	82.0	82.1	82.2
>= 1200	14.9	59.8	66.5	71.7	76.2	76.7	79.4	80.5	80.6	81.6	81.8	82.0	82.0	82.0	82.1	82.2
>= 1000	14.9	60.2	67.3	72.7	77.4	77.9	80.8	81.8	82.0	83.0	83.2	83.3	83.3	83.3	83.5	83.6
>= 900	14.9	60.4	67.5	72.9	77.7	78.2	81.1	82.1	82.2	83.2	83.5	83.6	83.6	83.6	83.7	83.8
>= 800	14.9	60.8	68.0	73.6	78.8	79.3	82.2	83.2	83.3	84.3	84.7	84.8	84.8	84.8	85.0	85.1
>= 700	14.9	61.2	68.8	74.4	80.2	80.7	83.7	85.0	85.1	86.1	86.5	86.6	86.7	86.7	86.8	87.0
>= 600	14.9	61.4	69.2	74.9	80.8	81.3	84.6	85.8	86.0	87.0	87.5	87.6	87.7	87.7	87.8	88.0
>= 500	14.9	61.8	70.3	76.1	82.3	83.0	86.5	87.8	88.0	89.2	89.7	89.8	90.0	90.0	90.1	90.2
>= 400	14.9	61.9	70.4	76.3	82.7	83.3	86.8	88.7	88.8	90.7	91.5	91.6	92.0	92.0	92.1	92.2
>= 300	14.9	62.0	70.6	76.4	82.8	83.6	87.5	89.7	90.0	92.5	93.4	93.5	94.0	94.0	94.1	94.2
>= 200	14.9	62.2	70.7	76.6	83.1	83.8	88.0	90.4	90.6	93.5	94.9	95.1	95.9	95.9	96.1	96.5
>= 100	14.9	62.2	70.7	76.7	83.3	84.1	88.3	90.9	91.1	94.1	95.6	95.9	96.7	96.7	97.7	98.5
>= 0	14.9	62.2	70.7	76.7	83.3	84.1	88.3	91.0	91.2	94.2	95.7	96.0	97.1	97.2	98.4	100.0

TOTAL NO. OF OBS : 798

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES) >=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	9.4	32.7	36.6	39.6	43.8	44.8	46.4	47.5	47.9	50.2	51.2	51.3	51.7	51.7	52.1	52.3
>=20000	10.2	35.5	39.6	43.1	47.4	48.7	50.4	51.6	51.9	54.2	55.2	55.3	55.7	55.7	56.1	56.4
>=18000	10.2	35.6	39.7	43.3	47.5	48.8	50.6	51.7	52.1	54.3	55.3	55.5	55.8	55.8	56.2	56.5
>=16000	10.2	35.6	39.7	43.3	47.5	48.8	50.6	51.7	52.1	54.3	55.3	55.5	55.8	55.8	56.2	56.5
>=14000	10.3	36.0	40.1	43.6	47.9	49.2	50.9	52.1	52.5	54.7	55.7	55.8	56.2	56.2	56.6	56.9
>=12000	10.7	37.2	41.4	45.0	49.4	50.7	52.5	53.6	54.0	56.2	57.4	57.5	57.9	57.9	58.2	58.5
>=10000	11.7	40.3	45.0	49.1	54.0	55.2	57.1	58.4	58.7	61.0	62.1	62.3	62.6	62.6	63.0	63.3
>= 9000	11.8	40.6	45.7	49.7	54.6	56.0	57.9	59.1	59.5	61.8	63.0	63.1	63.5	63.5	63.9	64.2
>= 8000	11.9	42.3	47.3	51.4	56.9	58.4	60.3	61.6	62.0	64.3	65.5	65.7	66.2	66.2	66.5	66.8
>= 7000	11.9	42.9	48.1	52.5	57.9	59.4	61.3	62.6	63.0	65.4	66.7	66.8	67.3	67.3	67.7	67.9
>= 6000	12.3	43.6	48.8	53.2	58.6	60.1	62.0	63.4	63.8	66.2	67.4	67.5	68.1	68.1	68.4	68.7
>= 5000	12.5	44.7	49.9	54.5	60.1	61.6	63.6	65.0	65.4	67.8	69.2	69.3	69.8	69.8	70.2	70.4
>= 4500	12.5	45.0	50.4	55.0	60.6	62.1	64.2	65.5	65.9	68.3	69.7	69.8	70.4	70.4	70.8	71.1
>= 4000	12.6	45.9	51.3	56.0	62.0	63.5	65.8	67.2	67.5	70.2	71.6	71.7	72.3	72.3	72.7	73.0
>= 3500	12.7	46.4	51.8	56.5	62.5	64.0	66.3	67.7	68.1	70.7	72.1	72.2	72.8	72.8	73.2	73.5
>= 3000	12.7	46.9	52.5	57.4	63.6	65.2	67.5	68.9	69.3	71.9	73.7	73.8	74.5	74.5	74.8	75.1
>= 2500	12.7	47.3	53.0	57.9	64.3	65.8	68.3	69.7	70.1	72.7	74.6	74.7	75.3	75.3	75.7	76.0
>= 2000	12.8	47.9	53.7	59.0	65.7	67.2	69.7	71.1	71.4	74.1	76.1	76.2	76.9	76.9	77.2	77.5
>= 1800	12.8	48.1	54.0	59.2	65.9	67.4	69.9	71.3	71.7	74.3	76.4	76.5	77.1	77.1	77.5	77.7
>= 1500	13.0	48.3	54.6	60.1	66.9	68.4	71.3	72.7	73.2	76.0	78.1	78.2	78.9	78.9	79.2	79.5
>= 1200	13.0	48.8	55.1	60.6	67.4	69.1	71.9	73.3	73.8	76.9	79.0	79.1	79.7	79.7	80.1	80.4
>= 1000	13.1	49.6	56.4	61.9	68.8	70.4	73.6	75.2	75.7	79.0	81.1	81.3	81.9	81.9	82.3	82.5
>= 900	13.1	49.7	56.6	62.3	69.2	70.8	74.0	75.7	76.2	79.5	81.6	81.8	82.4	82.4	82.8	83.0
>= 800	13.1	49.9	57.0	62.6	70.1	71.7	75.0	76.7	77.2	80.8	82.9	83.0	83.8	83.8	84.2	84.4
>= 700	13.1	50.4	57.5	63.1	70.7	72.3	75.8	77.7	78.5	82.0	84.2	84.3	85.0	85.0	85.4	85.7
>= 600	13.1	50.8	58.1	63.8	71.7	73.3	77.2	79.1	79.9	83.6	85.8	85.9	86.8	86.8	87.2	87.4
>= 500	13.1	50.8	58.4	64.2	72.3	74.2	78.5	80.8	81.5	85.7	87.8	87.9	88.9	88.9	89.3	89.6
>= 400	13.1	50.8	58.5	64.5	72.7	74.6	79.2	81.9	82.6	87.3	89.6	89.7	90.7	90.7	91.2	91.4
>= 300	13.1	50.8	58.6	64.7	72.8	74.8	79.5	82.3	83.1	88.1	90.6	90.7	92.2	92.3	92.8	93.1
>= 200	13.1	50.8	58.6	64.7	72.8	75.1	79.9	83.0	83.9	89.2	92.5	92.6	94.5	94.8	95.6	96.0
>= 100	13.1	50.8	58.6	64.7	72.8	75.1	79.9	83.0	83.9	89.3	92.6	92.7	94.7	95.1	97.1	98.4
>= 0	13.1	50.8	58.6	64.7	72.8	75.1	79.9	83.0	83.9	89.3	92.7	92.8	95.1	95.6	97.7	100.0

TOTAL NO. OF OBS : 795

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	15.1	36.4	39.8	42.8	46.2	46.9	48.4	49.4	49.5	49.7	49.7	49.8	49.8	49.8	49.8	49.8
>=20000	15.5	38.5	42.3	45.6	49.1	49.8	51.4	52.5	52.6	52.9	52.9	53.0	53.0	53.0	53.0	53.0
>=18000	15.5	38.5	42.3	45.6	49.1	49.8	51.4	52.5	52.6	52.9	52.9	53.0	53.0	53.0	53.0	53.0
>=16000	15.5	38.7	42.5	45.8	49.3	50.1	51.6	52.7	52.8	53.1	53.1	53.2	53.2	53.2	53.2	53.2
>=14000	15.5	38.9	42.7	46.0	49.6	50.4	52.0	53.1	53.2	53.5	53.5	53.6	53.6	53.6	53.6	53.6
>=12000	16.0	40.8	45.0	48.4	52.5	53.5	55.1	56.3	56.5	56.8	56.8	56.9	56.9	56.9	56.9	56.9
>=10000	16.8	43.0	47.2	51.2	55.7	56.9	58.7	60.0	60.2	60.6	60.7	60.8	60.8	60.8	60.8	60.8
>= 9000	16.9	43.4	47.6	51.6	56.2	57.4	59.2	60.5	60.8	61.2	61.3	61.4	61.4	61.4	61.4	61.4
>= 8000	17.5	46.1	50.9	55.0	60.0	61.2	63.2	64.8	65.1	65.7	65.8	65.9	66.0	66.0	66.0	66.0
>= 7000	17.8	46.8	51.7	55.9	60.9	62.2	64.2	65.9	66.2	66.8	66.9	67.0	67.1	67.1	67.1	67.1
>= 6000	18.3	47.7	52.7	57.0	62.0	63.3	65.4	67.0	67.3	67.9	68.0	68.1	68.2	68.2	68.2	68.2
>= 5000	18.8	48.6	53.7	58.1	63.1	64.5	66.6	68.4	68.7	69.3	69.4	69.5	69.6	69.6	69.6	69.6
>= 4500	18.9	49.2	54.3	58.7	63.8	65.4	67.6	69.4	69.7	70.3	70.4	70.5	70.6	70.6	70.6	70.6
>= 4000	19.3	50.3	55.4	59.9	65.2	66.8	69.0	70.8	71.2	71.9	72.0	72.1	72.2	72.2	72.2	72.2
>= 3500	19.3	50.5	55.6	60.2	65.6	67.2	69.4	71.2	71.7	72.4	72.5	72.6	72.7	72.7	72.7	72.7
>= 3000	19.3	51.1	56.5	61.2	66.7	68.4	70.6	72.5	73.0	73.7	73.8	73.9	74.0	74.0	74.0	74.0
>= 2500	19.4	51.3	56.8	61.6	67.2	69.0	71.2	73.1	73.6	74.3	74.4	74.5	74.6	74.6	74.6	74.6
>= 2000	19.5	51.6	57.3	62.3	67.9	69.7	72.0	74.2	74.8	75.5	75.6	75.7	75.8	75.8	75.8	75.8
>= 1800	19.5	51.6	57.3	62.3	68.0	69.8	72.2	74.4	75.0	75.7	75.8	75.9	76.0	76.0	76.0	76.0
>= 1500	19.5	51.8	57.7	62.9	68.7	70.7	73.3	75.6	76.2	76.9	77.1	77.2	77.3	77.4	77.4	77.4
>= 1200	19.6	52.0	58.0	63.4	69.2	71.3	73.9	76.3	76.9	77.6	77.8	77.9	78.0	78.1	78.1	78.1
>= 1000	19.9	52.6	58.8	64.6	70.8	73.1	76.0	78.8	79.4	80.2	80.4	80.5	80.6	80.7	80.7	80.7
>= 900	19.9	52.7	59.1	64.9	71.2	73.5	76.5	79.3	79.9	80.8	81.0	81.1	81.2	81.3	81.3	81.3
>= 800	20.4	53.5	59.9	66.1	72.6	75.2	78.9	82.1	82.8	83.9	84.2	84.3	84.4	84.5	84.5	84.5
>= 700	20.4	53.8	60.3	66.6	73.3	76.0	79.9	83.2	84.1	85.2	85.5	85.6	85.7	85.8	85.8	85.8
>= 600	20.5	54.2	60.8	67.1	74.3	77.0	81.4	85.2	86.3	87.5	87.8	87.9	88.1	88.2	88.2	88.2
>= 500	20.5	54.3	60.9	67.5	75.0	77.8	82.8	87.1	88.3	89.8	90.4	90.6	90.8	90.9	91.0	91.0
>= 400	20.5	54.3	60.9	67.6	75.3	78.3	83.7	88.5	89.9	91.6	92.6	92.8	93.1	93.2	93.4	93.4
>= 300	20.5	54.3	60.9	67.6	75.3	78.7	84.1	89.3	91.0	93.0	94.8	95.0	95.4	95.6	96.0	96.0
>= 200	20.5	54.3	60.9	67.6	75.3	78.7	84.1	89.6	91.3	93.6	95.9	96.2	97.4	97.9	98.7	98.8
>= 100	20.5	54.3	60.9	67.6	75.3	78.7	84.1	89.6	91.3	93.6	95.9	96.2	97.4	97.9	99.2	99.9
>= 0	20.5	54.3	60.9	67.6	75.3	78.7	84.1	89.6	91.3	93.6	95.9	96.2	97.4	97.9	99.2	100.0

TOTAL NO. OF OBS : 993

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JUL
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.0	45.4	48.8	51.3	54.2	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
>=20000	20.6	49.1	52.8	55.8	58.9	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
>=18000	20.6	49.1	52.8	55.8	58.9	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
>=16000	20.8	49.4	53.1	56.1	59.2	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
>=14000	20.8	49.5	53.3	56.3	59.4	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
>=12000	21.7	51.2	55.1	58.1	61.4	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
>=10000	22.8	53.9	58.2	61.5	65.2	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
>= 9000	22.9	54.4	58.7	62.0	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
>= 8000	23.7	56.5	60.9	64.4	68.3	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
>= 7000	23.7	57.0	61.6	65.2	69.2	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
>= 6000	23.7	57.4	62.0	65.6	69.7	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
>= 5000	24.2	58.8	63.4	66.9	71.2	71.5	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
>= 4500	24.4	59.3	63.9	67.5	71.8	72.1	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
>= 4000	24.9	60.2	64.9	69.1	73.7	74.0	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
>= 3500	25.0	60.6	65.3	69.6	74.2	74.5	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>= 3000	25.4	62.1	67.2	71.9	76.6	76.9	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
>= 2500	25.6	63.2	68.4	73.1	78.0	78.4	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
>= 2000	26.0	64.5	69.9	75.0	80.1	80.5	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
>= 1800	26.1	64.7	70.2	75.3	80.4	80.8	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
>= 1500	26.5	65.8	71.5	77.1	82.6	83.0	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
>= 1200	27.0	66.8	72.8	78.5	84.2	84.6	85.3	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
>= 1000	27.0	67.9	74.6	81.0	87.3	87.8	88.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
>= 900	27.0	68.3	75.0	81.6	88.0	88.6	89.7	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
>= 800	27.0	68.9	75.7	82.8	89.5	90.2	91.6	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
>= 700	27.1	69.3	76.3	83.5	90.4	91.4	92.8	93.5	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9
>= 600	27.1	69.4	76.4	83.6	90.8	91.8	93.4	94.5	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2
>= 500	27.1	69.7	76.8	84.1	91.6	92.6	94.8	96.1	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.0
>= 400	27.1	69.7	76.8	84.1	91.7	92.8	95.4	97.3	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.3
>= 300	27.1	69.7	76.8	84.1	91.8	93.0	95.8	97.7	98.2	98.9	99.3	99.3	99.5	99.5	99.5	99.5
>= 200	27.1	69.7	76.8	84.1	91.8	93.0	95.8	97.8	98.3	99.1	99.5	99.5	99.7	99.7	99.9	99.9
>= 100	27.1	69.7	76.8	84.1	91.8	93.0	95.8	97.8	98.3	99.1	99.5	99.5	99.7	99.7	99.9	99.9
>= 0	27.1	69.7	76.9	84.2	91.9	93.1	95.9	97.9	98.4	99.2	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NO. OF OBS : 1022

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JUL
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	17.9	40.2	42.3	44.4	45.6	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
>=20000	19.2	45.9	48.8	51.2	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
>=18000	19.2	46.1	49.0	51.4	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
>=16000	19.3	46.3	49.2	51.6	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
>=14000	19.8	46.8	49.7	52.1	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=12000	20.4	48.0	51.1	53.7	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
>=10000	21.9	51.3	55.0	57.7	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
>= 9000	22.1	51.5	55.3	58.0	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
>= 8000	22.7	53.0	57.2	60.2	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
>= 7000	22.9	53.5	57.8	61.0	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
>= 6000	23.5	54.6	59.0	62.2	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>= 5000	24.3	56.1	61.0	64.3	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>= 4500	25.1	57.1	62.0	65.3	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
>= 4000	27.1	61.4	67.2	71.2	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>= 3500	27.5	63.4	69.5	73.7	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>= 3000	28.8	66.9	73.7	78.2	81.6	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
>= 2500	29.2	68.1	75.1	79.9	83.3	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>= 2000	30.0	70.3	77.5	82.5	86.4	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
>= 1800	30.1	70.6	77.9	82.9	86.9	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>= 1500	30.3	72.3	80.1	85.5	90.0	90.5	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
>= 1200	30.6	72.9	80.8	86.5	91.1	91.6	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
>= 1000	30.6	73.1	81.3	87.3	92.2	93.0	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
>= 900	30.6	73.1	81.3	87.4	92.4	93.2	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
>= 800	30.7	73.3	81.7	87.9	93.2	94.3	95.3	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
>= 700	30.8	73.5	81.9	88.3	94.0	95.3	96.2	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
>= 600	30.8	73.6	82.1	88.7	94.6	95.9	96.8	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
>= 500	30.8	73.8	82.6	89.2	95.1	96.4	97.4	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
>= 400	30.8	73.9	82.7	89.4	95.3	96.6	97.6	98.3	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0
>= 300	30.8	73.9	82.7	89.4	95.3	96.6	97.8	98.8	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6
>= 200	30.8	73.9	82.7	89.4	95.3	96.6	97.8	98.8	99.2	99.4	99.5	99.6	99.9	99.9	100.0	100.0
>= 100	30.8	73.9	82.7	89.4	95.3	96.6	97.8	98.8	99.2	99.4	99.5	99.6	99.9	99.9	100.0	100.0
>= 0	30.8	73.9	82.7	89.4	95.3	96.6	97.8	98.8	99.2	99.4	99.5	99.6	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 1013

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.7	46.1	49.0	51.1	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
>=20000	22.6	51.0	54.2	56.5	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>=18000	22.6	51.1	54.3	56.6	57.8	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
>=16000	22.6	51.1	54.4	56.8	58.0	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
>=14000	23.0	51.5	54.8	57.2	58.4	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
>=12000	24.0	53.7	57.1	59.6	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=10000	25.2	57.7	61.5	64.2	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
>= 9000	25.3	58.0	61.9	64.6	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>= 8000	26.5	60.7	64.8	67.6	69.7	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>= 7000	26.6	61.0	65.2	68.1	70.2	70.5	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
>= 6000	27.5	62.5	66.7	69.9	72.1	72.4	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>= 5000	28.3	64.1	68.3	71.5	74.0	74.3	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
>= 4500	28.5	65.0	69.2	72.4	75.1	75.4	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>= 4000	29.8	67.5	72.1	75.3	78.4	78.8	79.2	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
>= 3500	30.3	69.2	74.0	77.5	80.6	81.0	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
>= 3000	30.9	71.6	76.7	80.4	83.6	84.0	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
>= 2500	31.3	73.2	78.6	82.5	85.7	86.2	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
>= 2000	31.8	74.4	80.0	84.1	87.5	88.2	89.3	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6
>= 1800	31.9	74.6	80.2	84.3	87.7	88.4	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
>= 1500	32.2	75.3	81.6	86.2	89.7	90.7	91.9	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>= 1200	32.3	75.8	82.1	86.8	90.5	91.5	92.8	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
>= 1000	32.3	76.1	82.7	87.5	91.2	92.2	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>= 900	32.4	76.2	82.8	87.8	91.6	92.6	93.9	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
>= 800	32.4	76.9	83.5	88.9	93.0	94.0	95.5	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>= 700	32.4	77.2	83.8	89.3	93.5	94.5	96.0	96.4	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0
>= 600	32.4	77.4	84.0	89.6	93.8	94.8	96.4	96.8	97.0	97.3	97.4	97.4	97.5	97.5	97.5	97.5
>= 500	32.4	77.7	84.4	90.3	94.6	95.7	97.3	97.7	98.0	98.3	98.5	98.5	98.6	98.6	98.6	98.6
>= 400	32.4	77.8	84.5	90.4	94.7	95.9	97.7	98.3	98.6	99.0	99.2	99.2	99.3	99.3	99.3	99.3
>= 300	32.4	77.8	84.5	90.4	94.7	95.9	97.7	98.5	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.9
>= 200	32.4	77.8	84.5	90.4	94.7	95.9	97.7	98.5	98.8	99.4	99.7	99.7	99.8	99.8	99.9	100.0
>= 100	32.4	77.8	84.5	90.4	94.7	95.9	97.7	98.5	98.8	99.4	99.7	99.7	99.8	99.8	99.9	100.0
>= 0	32.4	77.8	84.5	90.4	94.7	95.9	97.7	98.5	98.8	99.4	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NO. OF OBS : 1001

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : 1900 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.3	46.7	50.0	51.8	54.0	54.4	55.3	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
>=20000	22.5	52.1	55.8	58.3	60.9	61.3	62.2	62.5	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7
>=18000	22.5	52.2	55.9	58.4	61.0	61.4	62.3	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8
>=16000	22.5	52.3	56.1	58.6	61.2	61.6	62.5	62.8	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0
>=14000	22.8	52.8	56.7	59.2	61.9	62.3	63.2	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7
>=12000	23.7	55.2	59.4	62.2	65.1	65.5	66.4	66.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9
>=10000	25.4	59.4	64.1	67.4	70.5	71.0	72.1	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6
>= 9000	25.7	59.7	64.4	67.9	71.0	71.6	72.7	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2
>= 8000	26.1	62.0	67.0	70.6	73.8	74.8	76.2	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7
>= 7000	26.1	62.6	67.7	71.3	74.5	75.7	77.0	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5
>= 6000	26.5	63.4	68.5	72.2	75.7	76.8	78.1	78.4	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7
>= 5000	27.3	65.1	70.2	74.0	77.5	78.6	80.0	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6
>= 4500	27.5	65.8	70.9	74.9	78.4	79.5	81.0	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6
>= 4000	27.9	67.2	72.4	76.7	80.3	81.5	83.2	83.6	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
>= 3500	28.1	67.8	73.1	77.4	81.1	82.5	84.2	84.6	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1
>= 3000	28.4	69.0	74.3	78.6	82.5	84.1	85.9	86.3	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7
>= 2500	28.6	69.8	75.2	79.4	83.3	84.9	86.7	87.2	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6
>= 2000	28.9	70.4	75.8	80.0	84.0	85.8	87.7	88.4	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8
>= 1800	28.9	70.5	75.9	80.1	84.1	85.9	87.8	88.5	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9
>= 1500	29.0	71.0	76.6	81.0	85.3	87.0	88.9	89.7	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1
>= 1200	29.2	71.6	77.2	81.6	85.9	87.7	89.6	90.4	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8
>= 1000	29.3	72.1	77.7	82.2	86.5	88.3	90.4	91.3	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9
>= 900	29.3	72.5	78.2	82.7	87.0	88.8	91.0	91.9	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.6
>= 800	29.3	72.9	78.7	83.3	87.7	89.7	92.3	93.4	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2
>= 700	29.3	72.9	78.8	83.5	87.9	89.9	92.5	93.6	93.8	94.3	94.6	94.6	94.6	94.6	94.6	94.6
>= 600	29.3	73.0	78.9	83.9	88.4	90.4	93.4	94.6	94.8	95.4	95.8	95.8	95.8	95.8	95.8	95.8
>= 500	29.5	73.3	79.4	84.5	89.3	91.4	94.6	96.0	96.2	97.1	97.6	97.6	97.7	97.7	97.7	97.7
>= 400	29.5	73.3	79.4	84.5	89.5	91.6	94.9	96.5	96.7	97.7	98.2	98.3	98.6	98.6	98.6	98.6
>= 300	29.5	73.3	79.4	84.5	89.5	91.6	95.2	96.8	97.0	98.1	98.7	98.8	99.1	99.1	99.1	99.1
>= 200	29.5	73.3	79.4	84.5	89.5	91.7	95.3	97.0	97.3	98.5	99.2	99.3	99.7	99.7	99.7	99.8
>= 100	29.5	73.3	79.4	84.5	89.5	91.7	95.3	97.0	97.3	98.5	99.2	99.3	99.7	99.7	99.8	99.9
>= 0	29.5	73.3	79.4	84.5	89.5	91.7	95.3	97.0	97.3	98.5	99.2	99.3	99.7	99.7	99.8	100.0

TOTAL NO. OF OBS : 990

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	16.5	46.9	51.4	55.0	58.1	58.4	59.4	59.9	59.9	60.5	60.5	60.5	60.5	60.5	60.5	60.5
>=20000	17.1	50.3	55.0	59.0	62.3	62.6	64.3	64.7	64.7	65.3	65.5	65.5	65.5	65.5	65.5	65.5
>=18000	17.1	50.4	55.1	59.1	62.5	62.7	64.4	64.9	64.9	65.5	65.6	65.6	65.6	65.6	65.6	65.6
>=16000	17.1	50.5	55.2	59.2	62.6	62.8	64.5	65.0	65.0	65.6	65.7	65.7	65.7	65.7	65.7	65.7
>=14000	17.2	50.8	56.0	59.9	63.3	63.5	65.2	65.7	65.7	66.3	66.4	66.4	66.4	66.4	66.4	66.4
>=12000	17.8	52.1	57.4	61.5	65.0	65.2	66.9	67.4	67.4	68.0	68.1	68.1	68.1	68.1	68.1	68.1
>=10000	18.5	55.6	61.4	65.9	69.9	70.2	71.8	72.3	72.3	72.9	73.0	73.0	73.0	73.0	73.0	73.0
>= 9000	18.7	56.0	61.9	66.5	70.5	70.8	72.4	72.9	72.9	73.5	73.6	73.6	73.6	73.6	73.6	73.6
>= 8000	19.1	58.1	64.4	69.1	73.0	73.4	75.1	75.6	75.7	76.3	76.4	76.4	76.4	76.4	76.4	76.4
>= 7000	19.1	58.7	65.0	69.7	73.9	74.2	75.9	76.4	76.5	77.1	77.3	77.3	77.3	77.3	77.3	77.3
>= 6000	19.3	59.4	65.8	70.6	74.8	75.2	76.9	77.4	77.5	78.1	78.2	78.2	78.2	78.2	78.2	78.2
>= 5000	19.7	61.0	67.5	72.4	76.8	77.1	78.8	79.3	79.4	80.0	80.1	80.1	80.1	80.1	80.1	80.1
>= 4500	19.9	61.5	68.0	73.0	77.4	77.7	79.4	79.9	80.0	80.6	80.7	80.7	80.7	80.7	80.7	80.7
>= 4000	19.9	62.2	69.1	74.4	78.7	79.2	80.9	81.3	81.5	82.2	82.3	82.3	82.3	82.3	82.3	82.3
>= 3500	20.0	62.7	69.7	75.2	79.5	80.1	81.9	82.4	82.6	83.3	83.4	83.4	83.4	83.4	83.4	83.4
>= 3000	20.1	63.2	70.3	75.9	80.5	81.2	83.2	83.6	83.8	84.5	84.6	84.6	84.6	84.6	84.6	84.6
>= 2500	20.1	63.3	70.4	76.1	80.7	81.5	83.5	84.0	84.1	84.8	85.0	85.0	85.0	85.0	85.0	85.0
>= 2000	20.2	63.8	71.1	76.8	81.7	82.4	84.5	85.0	85.1	85.8	85.9	85.9	85.9	85.9	85.9	85.9
>= 1800	20.2	64.0	71.4	77.0	81.9	82.7	84.7	85.2	85.3	86.0	86.2	86.2	86.2	86.2	86.2	86.2
>= 1500	20.2	64.4	72.0	77.7	82.7	83.5	85.6	86.2	86.3	87.0	87.2	87.2	87.2	87.2	87.2	87.2
>= 1200	20.2	64.6	72.2	78.0	82.9	83.8	85.9	86.5	86.6	87.4	87.6	87.6	87.6	87.6	87.6	87.6
>= 1000	20.2	65.0	72.9	78.8	84.2	85.1	87.2	88.0	88.2	88.9	89.2	89.2	89.2	89.2	89.2	89.2
>= 900	20.3	65.5	73.6	79.5	85.0	85.8	88.0	88.7	88.9	89.7	89.9	89.9	89.9	89.9	89.9	89.9
>= 800	20.3	65.8	74.2	80.3	85.9	86.8	89.2	90.0	90.3	91.0	91.2	91.2	91.2	91.2	91.2	91.2
>= 700	20.3	66.1	74.5	80.7	86.6	87.6	90.0	90.9	91.1	91.8	92.1	92.1	92.1	92.1	92.1	92.1
>= 600	20.3	66.1	74.7	81.0	87.4	88.8	91.6	92.4	92.8	93.6	93.9	93.9	93.9	93.9	93.9	93.9
>= 500	20.3	66.2	74.8	81.2	88.0	89.5	92.5	93.6	94.1	95.1	95.3	95.3	95.5	95.5	95.5	95.5
>= 400	20.3	66.3	75.0	81.3	88.2	89.9	93.4	94.6	95.2	96.8	97.0	97.0	97.2	97.2	97.2	97.2
>= 300	20.3	66.3	75.0	81.3	88.2	89.9	93.4	94.8	95.4	97.2	97.6	97.6	98.1	98.1	98.1	98.1
>= 200	20.3	66.3	75.0	81.3	88.2	89.9	93.5	95.1	95.7	97.5	98.0	98.1	98.6	98.6	98.6	98.6
>= 100	20.3	66.3	75.0	81.3	88.2	89.9	93.5	95.1	95.7	97.6	98.2	98.3	99.3	99.3	99.4	99.5
>= 0	20.3	66.3	75.0	81.3	88.2	89.9	93.5	95.1	95.7	97.6	98.2	98.3	99.4	99.4	99.6	100.0

TOTAL NO. OF OBS : 831

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	17.1	42.4	45.8	48.4	51.0	51.4	52.3	52.7	52.8	53.2	53.3	53.4	53.4	53.4	53.4	53.5
>=20000	17.9	46.4	50.1	53.1	55.9	56.3	57.3	57.7	57.8	58.3	58.4	58.4	58.5	58.5	58.5	58.6
>=18000	17.9	46.5	50.2	53.2	55.9	56.4	57.4	57.8	57.9	58.3	58.5	58.5	58.6	58.6	58.6	58.6
>=16000	17.9	46.6	50.3	53.3	56.1	56.5	57.5	58.0	58.1	58.5	58.6	58.7	58.7	58.7	58.8	58.8
>=14000	18.2	46.9	50.7	53.8	56.6	57.0	58.0	58.5	58.5	59.0	59.1	59.2	59.2	59.2	59.3	59.3
>=12000	18.8	48.6	52.6	55.7	58.7	59.2	60.2	60.7	60.7	61.2	61.3	61.4	61.4	61.4	61.5	61.5
>=10000	19.9	51.8	56.3	59.8	63.1	63.6	64.7	65.2	65.3	65.8	65.9	66.0	66.0	66.0	66.1	66.1
>= 9000	20.1	52.2	56.7	60.3	63.7	64.2	65.3	65.8	65.9	66.4	66.6	66.6	66.6	66.6	66.7	66.7
>= 8000	20.6	54.4	59.2	62.9	66.5	67.2	68.3	68.9	69.0	69.5	69.7	69.7	69.8	69.8	69.8	69.9
>= 7000	20.7	54.9	59.8	63.6	67.3	68.0	69.2	69.8	69.9	70.4	70.5	70.6	70.7	70.7	70.7	70.8
>= 6000	21.1	55.8	60.7	64.6	68.4	69.1	70.3	70.9	71.0	71.5	71.7	71.7	71.8	71.8	71.8	71.9
>= 5000	21.6	57.1	62.2	66.2	70.1	70.7	72.0	72.6	72.7	73.2	73.4	73.5	73.5	73.5	73.6	73.6
>= 4500	21.9	57.7	62.8	66.9	70.8	71.5	72.8	73.4	73.6	74.1	74.3	74.3	74.4	74.4	74.4	74.5
>= 4000	22.5	59.4	64.8	69.1	73.3	74.0	75.4	76.0	76.2	76.7	76.9	77.0	77.1	77.1	77.1	77.2
>= 3500	22.7	60.2	65.7	70.1	74.4	75.2	76.6	77.2	77.4	78.0	78.2	78.2	78.3	78.3	78.4	78.4
>= 3000	23.1	61.6	67.4	72.0	76.4	77.2	78.8	79.4	79.6	80.1	80.4	80.4	80.5	80.5	80.6	80.6
>= 2500	23.3	62.4	68.2	72.9	77.4	78.3	79.8	80.5	80.7	81.2	81.5	81.6	81.6	81.6	81.7	81.7
>= 2000	23.6	63.3	69.4	74.3	78.9	79.9	81.5	82.3	82.4	83.0	83.3	83.4	83.4	83.4	83.5	83.5
>= 1800	23.6	63.4	69.6	74.5	79.2	80.1	81.8	82.6	82.7	83.3	83.6	83.6	83.7	83.7	83.8	83.8
>= 1500	23.8	64.1	70.6	75.8	80.7	81.8	83.6	84.4	84.6	85.2	85.5	85.6	85.7	85.7	85.7	85.8
>= 1200	24.0	64.6	71.1	76.4	81.4	82.5	84.4	85.2	85.4	86.1	86.4	86.4	86.5	86.5	86.6	86.6
>= 1000	24.0	65.1	72.0	77.5	82.8	84.0	86.0	86.9	87.2	87.9	88.2	88.3	88.4	88.4	88.4	88.5
>= 900	24.0	65.3	72.3	77.9	83.2	84.4	86.5	87.5	87.7	88.5	88.8	88.9	88.9	89.0	89.0	89.1
>= 800	24.1	65.8	72.9	78.7	84.4	85.7	88.0	89.1	89.4	90.2	90.6	90.6	90.7	90.8	90.8	90.9
>= 700	24.2	66.1	73.3	79.2	85.1	86.5	88.8	90.1	90.4	91.3	91.7	91.7	91.8	91.8	91.9	91.9
>= 600	24.2	66.3	73.5	79.6	85.7	87.2	89.8	91.2	91.6	92.5	92.9	93.0	93.1	93.1	93.2	93.2
>= 500	24.2	66.5	74.0	80.2	86.5	88.1	91.0	92.6	93.0	94.1	94.6	94.7	94.9	94.9	95.0	95.0
>= 400	24.2	66.6	74.0	80.3	86.7	88.4	91.5	93.4	93.9	95.3	95.9	96.0	96.3	96.3	96.4	96.4
>= 300	24.2	66.6	74.1	80.3	86.8	88.5	91.8	93.9	94.5	96.1	96.9	97.0	97.4	97.5	97.6	97.6
>= 200	24.2	66.6	74.1	80.3	86.8	88.6	91.9	94.2	94.8	96.5	97.6	97.7	98.3	98.4	98.7	98.8
>= 100	24.2	66.6	74.1	80.4	86.8	88.6	91.9	94.2	94.8	96.6	97.7	97.8	98.5	98.6	99.2	99.6
>= 0	24.2	66.6	74.1	80.4	86.8	88.6	92.0	94.2	94.9	96.6	97.7	97.9	98.6	98.8	99.4	100.0

TOTAL NO. OF OBS : 7443

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIPECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.5	1.6	1.2	.2	.0	.0	.0	.0	.0	.0	.0	4.6	5.6
NNE	.9	1.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.0
NE	.2	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.7
ENE	.4	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.0	5.6
E	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0
ESE	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.8
SE	1.0	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.5
SSE	1.7	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	2.8	3.6
S	7.0	3.9	2.0	.1	.0	.0	.0	.0	.0	.0	.0	13.1	4.0
SSW	4.1	6.4	3.5	.0	.0	.0	.0	.0	.0	.0	.0	13.9	5.0
SW	2.1	3.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	7.8	5.3
WSW	.9	2.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.4
W	1.5	3.2	1.0	.2	.0	.0	.0	.0	.0	.0	.0	5.9	5.1
WNW	2.0	1.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	4.3	4.6
NW	1.1	1.8	.4	.0	.1	.0	.0	.0	.0	.0	.0	3.5	4.9
NNW	1.2	1.5	1.0	.1	.0	.0	.0	.0	.0	.0	.0	3.8	5.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29.3	.0
ALL	26.0	28.9	14.4	1.2	.1	.0	.0	.0	.0	.0	.0	100.0	3.4

TOTAL NO. OF OBS : 811

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

G14790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.5	2.3	1.4	.4	.0	.0	.0	.0	.0	.0	.0	5.6	5.6
NNE	.4	1.4	.9	.4	.0	.0	.0	.0	.0	.0	.0	3.0	6.2
NE	.6	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
ENE	.5	.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	1.4	6.0
E	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.3
ESE	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.6
SE	.5	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.9	5.3
SSE	1.5	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.9	3.2
S	5.9	3.2	.9	.2	.0	.0	.0	.0	.0	.0	.0	10.3	3.6
SSW	3.5	5.6	2.6	.5	.0	.0	.0	.0	.0	.0	.0	12.1	5.1
SW	1.7	3.3	2.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	5.1
WSW	1.1	1.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.9
W	1.7	3.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	6.3	4.6
WNW	1.4	1.6	1.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0
NW	2.8	2.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	5.7	4.1
NNW	1.9	1.9	1.0	.5	.0	.0	.0	.0	.0	.0	.0	5.2	5.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31.5	.0
ALL	25.8	26.7	13.3	2.6	.0	.0	.0	.0	.0	.0	.0	100.0	3.3

TOTAL NO. OF OBS : 809

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	2.4	4.0	2.4	.3	.0	.0	.0	.0	.0	.0	.0	9.2	5.6
NNE	1.0	2.2	1.5	.6	.2	.0	.0	.0	.0	.0	.0	5.4	6.7
NE	.6	1.0	.9	.3	.0	.0	.0	.0	.0	.0	.0	2.7	6.2
ENE	.6	.3	.1	.2	.0	.1	.0	.0	.0	.0	.0	1.3	6.4
E	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.4
ESE	.7	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.0	3.9
SE	.6	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.1	5.1
SSE	.9	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.5
S	4.8	3.4	1.4	.2	.0	.1	.0	.0	.0	.0	.0	9.9	4.5
SSW	2.5	4.8	3.2	.8	.1	.0	.0	.0	.0	.0	.0	11.4	6.1
SW	2.2	4.7	2.9	.2	.0	.0	.0	.0	.0	.0	.0	10.0	5.5
WSW	2.4	1.9	1.6	.0	.0	.0	.0	.0	.0	.0	.0	5.9	4.6
W	2.4	3.5	2.1	.0	.0	.0	.0	.0	.0	.0	.0	8.0	5.0
WNW	1.7	2.7	1.5	.6	.0	.0	.0	.0	.0	.0	.0	6.5	5.7
NW	1.6	3.2	1.8	.4	.0	.0	.0	.0	.0	.0	.0	6.9	5.7
NNW	1.8	2.1	1.6	.4	.0	.0	.0	.0	.0	.0	.0	5.8	5.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	.0
ALL	26.5	35.2	21.2	4.1	.3	.2	.0	.0	.0	.0	.0	100.0	4.7

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	2.2	2.4	.6	.0	.0	.0	.0	.0	.0	.0	6.5	6.6
NNE	1.0	2.2	3.6	1.0	.1	.0	.0	.0	.0	.0	.0	7.8	7.4
NE	1.2	2.2	1.7	.9	.0	.0	.0	.0	.0	.0	.0	5.9	6.3
ENE	1.3	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.4
E	1.1	1.0	.7	.4	.0	.0	.0	.0	.0	.0	.0	3.1	5.7
ESE	.7	.5	.3	.0	.0	.0	.0	.0	.1	.0	.0	1.6	7.0
SE	1.2	1.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	2.6	5.0
SSE	.8	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.7
S	.8	3.0	2.8	.4	.1	.1	.0	.0	.0	.0	.0	7.2	6.8
SSW	1.7	3.6	5.2	1.0	.1	.0	.0	.0	.0	.0	.0	11.5	7.0
SW	.7	3.0	3.5	1.3	.0	.0	.0	.0	.0	.0	.0	8.5	7.4
WSW	1.4	2.8	3.3	.8	.0	.0	.0	.0	.0	.0	.0	8.3	6.8
W	1.9	3.7	3.2	.6	.1	.0	.0	.0	.0	.0	.0	9.5	6.2
WNW	.6	1.7	2.5	1.1	.1	.1	.0	.0	.0	.0	.0	6.1	8.0
NW	.7	1.4	2.1	.9	.0	.0	.0	.0	.0	.0	.0	5.0	7.5
NNW	.9	1.6	2.0	.8	.0	.0	.0	.0	.0	.0	.0	5.2	7.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	.0
ALL	16.8	31.9	35.2	9.6	.7	.2	.0	.0	.1	.0	.0	100.0	6.4

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.8	1.6	1.6	.4	.2	.0	.0	.0	.0	.0	.0	4.5	7.0
NNE	1.1	2.4	1.9	1.0	.1	.0	.0	.0	.0	.0	.0	6.5	7.0
NE	.6	2.4	2.8	.5	.0	.0	.0	.0	.0	.0	.0	6.4	6.8
ENE	.9	1.9	1.6	.3	.1	.0	.0	.0	.0	.0	.0	4.7	6.3
E	1.4	2.4	1.4	.2	.0	.0	.0	.0	.0	.0	.0	5.4	5.4
ESE	.3	1.2	.5	.3	.1	.0	.0	.0	.0	.0	.0	2.3	6.9
SE	.8	.8	.4	.2	.0	.0	.0	.0	.0	.0	.0	2.2	5.2
SSE	.4	.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	1.8	5.8
S	1.0	2.1	2.7	1.4	.0	.0	.0	.0	.0	.0	.0	7.1	7.6
SSW	.9	3.6	6.6	2.7	.0	.0	.0	.0	.0	.0	.0	13.8	8.2
SW	.9	2.1	4.4	1.3	.0	.0	.0	.0	.0	.0	.0	8.6	7.8
WSW	.5	2.7	3.6	1.3	.0	.0	.0	.0	.0	.0	.0	8.1	7.7
W	1.5	3.7	5.2	1.5	.1	.0	.0	.0	.0	.0	.0	11.9	7.4
WNW	.7	1.8	3.3	.9	.0	.0	.0	.0	.0	.0	.0	6.7	7.7
NW	.5	1.0	2.3	.5	.0	.0	.0	.0	.0	.0	.0	4.2	7.6
NNW	.4	1.7	.8	.3	.2	.0	.0	.0	.0	.0	.0	3.3	7.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	.0
ALL	12.4	32.0	39.5	12.7	.8	.0	.0	.0	.0	.0	.0	100.0	7.1

TOTAL NO. OF OBS : 1022

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.4	1.3	.5	.6	.1	.0	.0	.0	.0	.0	.0	2.8	7.2
NNE	.6	1.5	1.5	.3	.1	.0	.0	.0	.0	.0	.0	3.9	6.6
NE	.8	2.2	1.7	.5	.2	.0	.0	.0	.0	.0	.0	5.4	7.1
ENE	1.0	2.4	1.7	.1	.0	.0	.0	.0	.0	.0	.0	5.2	5.5
E	2.3	4.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	7.0	4.6
ESE	1.0	4.1	.5	.3	.0	.0	.0	.0	.0	.0	.0	5.9	5.2
SE	.8	2.2	1.1	.2	.1	.0	.0	.0	.0	.0	.0	4.3	6.2
SSE	.6	1.7	1.4	.2	.0	.0	.0	.0	.0	.0	.0	3.8	6.1
S	1.1	2.7	5.0	1.0	.0	.0	.0	.0	.0	.0	.0	9.8	7.3
SSW	.7	2.9	7.1	3.3	.1	.0	.0	.0	.0	.0	.0	14.2	8.7
SW	.5	2.0	4.5	1.7	.0	.1	.0	.0	.0	.0	.0	8.7	8.5
WSW	1.0	2.1	2.3	1.0	.0	.0	.0	.0	.0	.0	.0	6.4	7.2
W	.4	3.9	3.8	1.2	.0	.0	.0	.0	.0	.0	.0	9.3	7.3
WNW	.4	1.7	3.0	1.2	.2	.0	.0	.0	.0	.0	.0	6.5	8.6
NW	.2	.8	1.8	.6	.1	.0	.0	.0	.0	.0	.0	3.4	8.5
NNW	.1	.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	1.7	7.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	.0
ALL	11.7	36.1	36.9	12.5	.9	.1	.0	.0	.0	.0	.0	100.0	7.0

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

G14790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 1900 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.5	1.0	.7	.1	.0	.0	.0	.0	.0	.0	.0	2.2	5.6
NNE	1.3	.8	.3	.2	.1	.0	.0	.0	.0	.0	.0	2.6	5.0
NE	1.5	.9	.7	.3	.0	.0	.0	.0	.0	.0	.0	3.3	5.0
ENE	.6	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.6
E	1.9	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	2.9
ESE	1.5	1.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	3.2	4.0
SE	1.8	1.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	3.2	4.1
SSE	3.2	1.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	4.7	3.2
S	5.5	6.5	5.2	.1	.0	.0	.0	.0	.0	.0	.0	17.3	5.0
SSW	2.0	7.7	6.0	1.0	.0	.0	.0	.0	.0	.0	.0	16.6	6.3
SW	1.4	3.1	3.2	.3	.0	.0	.0	.0	.0	.0	.0	8.0	6.3
WSW	1.8	1.8	.7	.3	.0	.0	.0	.0	.0	.0	.0	4.5	4.8
W	3.3	1.5	1.5	.2	.1	.0	.0	.0	.0	.0	.0	6.5	4.7
WNW	.6	1.1	1.1	.2	.0	.0	.0	.0	.0	.0	.0	2.9	6.2
NW	.1	.7	1.2	.3	.0	.0	.0	.0	.0	.0	.0	2.2	7.8
NNW	.3	.5	.5	.2	.1	.0	.0	.0	.0	.0	.0	1.6	7.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.4	.0
ALL	27.0	30.6	22.3	3.4	.3	.0	.0	.0	.0	.0	.0	100.0	4.4

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.0	.8	.8	.1	.1	.0	.0	.0	.0	.0	.0	2.9	6.4
NNE	.6	.8	.7	.2	.0	.0	.0	.0	.0	.0	.0	2.4	6.1
NE	.8	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.8	4.4
ENE	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.8
E	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.3
ESE	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.0
SE	.8	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.4	4.3
SSE	1.4	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.8
S	7.5	7.1	3.0	.1	.0	.0	.0	.0	.0	.0	.0	17.7	4.3
SSW	3.8	7.2	3.4	.6	.0	.0	.0	.0	.0	.0	.0	15.1	5.4
SW	1.5	3.0	2.4	.1	.1	.0	.0	.0	.0	.0	.0	7.1	5.8
WSW	1.8	2.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	4.2	4.1
W	2.9	2.1	1.4	.1	.0	.0	.0	.0	.0	.0	.0	6.5	4.6
WNW	.1	1.0	.6	.2	.0	.0	.0	.0	.0	.0	.0	1.9	6.4
NW	.7	1.3	.6	.1	.0	.0	.0	.0	.0	.0	.0	2.7	5.3
NNW	1.1	1.3	.7	.5	.0	.0	.0	.0	.0	.0	.0	3.6	5.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27.3	.0
ALL	25.8	29.5	14.7	2.5	.2	.0	.0	.0	.0	.0	.0	100.0	3.6

TOTAL NO. OF OBS : 842

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.1	1.9	1.4	.3	.1	.0	.0	.0	.0	.0	.0	4.8	6.1
NNE	.9	1.6	1.4	.5	.1	.0	.0	.0	.0	.0	.0	4.4	6.6
NE	.8	1.3	1.1	.4	.0*	.0	.0	.0	.0	.0	.0	3.6	6.2
ENE	.7	1.0	.7	.1	.0*	.0*	.0	.0	.0	.0	.0	2.5	5.6
E	1.1	1.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	2.9	4.7
ESE	.7	1.0	.2	.1	.0*	.0	.0	.0	.0*	.0	.0	2.1	5.1
SE	.9	.8	.3	.1	.0*	.0	.0	.0	.0	.0	.0	2.2	5.0
SSE	1.3	.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.7	4.3
S	4.0	4.0	2.9	.5	.0*	.0*	.0	.0	.0	.0	.0	11.4	5.2
SSW	2.3	5.1	4.8	1.3	.0*	.0	.0	.0	.0	.0	.0	13.6	6.6
SW	1.3	3.0	3.3	.6	.0*	.0*	.0	.0	.0	.0	.0	8.3	6.6
WSW	1.4	2.1	1.7	.5	.0	.0	.0	.0	.0	.0	.0	5.6	6.0
W	1.9	3.1	2.5	.5	.0*	.0	.0	.0	.0	.0	.0	8.1	5.9
WNW	.9	1.6	1.8	.6	.0*	.0*	.0	.0	.0	.0	.0	4.9	6.9
NW	.9	1.5	1.4	.4	.0*	.0	.0	.0	.0	.0	.0	4.2	6.4
NNW	.9	1.4	1.0	.4	.0*	.0	.0	.0	.0	.0	.0	3.7	6.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.8	.0
ALL	21.2	31.6	25.5	6.4	.4	.1	.0	.0	.0*	.0	.0	100.0	5.1

TOTAL NO. OF OBS : 7576

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : AUG
CLASS : ALL WEATHER — HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	13.0	43.2	47.1	49.2	52.3	52.8	53.4	53.9	54.0	54.9	55.3	55.3	55.8	55.8	55.9	55.9
>=20000	13.0	45.9	50.1	52.5	55.6	56.1	56.9	57.4	57.5	58.5	59.1	59.1	59.6	59.6	59.8	59.8
>=18000	13.0	46.0	50.3	52.6	55.8	56.3	57.1	57.6	57.8	58.8	59.4	59.4	59.9	59.9	60.0	60.0
>=16000	13.0	46.0	50.3	52.6	55.8	56.3	57.1	57.6	57.8	58.8	59.4	59.4	59.9	59.9	60.0	60.0
>=14000	13.4	46.9	51.3	53.8	56.9	57.4	58.3	58.8	58.9	60.0	60.7	60.7	61.2	61.2	61.3	61.3
>=12000	13.5	47.4	51.8	54.3	57.4	57.9	58.8	59.3	59.4	60.7	61.3	61.3	61.9	61.9	62.0	62.0
>=10000	13.8	50.3	54.9	58.1	61.3	61.9	62.9	63.5	63.7	64.9	65.5	65.5	66.2	66.2	66.3	66.3
>= 9000	13.9	50.6	55.3	58.5	61.7	62.3	63.4	64.0	64.2	65.4	66.0	66.0	66.7	66.7	66.8	66.8
>= 8000	14.4	53.9	58.6	61.9	65.0	65.7	66.9	67.5	67.7	68.9	69.5	69.5	70.2	70.2	70.3	70.3
>= 7000	14.5	54.5	59.4	62.7	65.9	66.5	67.8	68.4	68.5	69.8	70.4	70.4	71.1	71.1	71.2	71.2
>= 6000	14.7	55.1	60.0	63.4	66.7	67.3	68.5	69.2	69.3	70.6	71.2	71.2	71.8	71.8	71.9	71.9
>= 5000	14.9	56.4	61.4	64.8	68.0	68.7	69.9	70.6	70.7	71.9	72.6	72.6	73.2	73.2	73.3	73.3
>= 4500	14.9	56.6	61.7	65.0	68.3	68.9	70.2	70.8	70.9	72.2	72.8	72.8	73.4	73.4	73.6	73.6
>= 4000	15.0	57.5	63.0	66.7	69.9	70.6	71.8	72.4	72.6	73.8	74.4	74.4	75.1	75.1	75.2	75.2
>= 3500	15.0	57.6	63.2	66.8	70.1	70.8	72.1	72.7	72.8	74.1	74.8	74.8	75.4	75.4	75.6	75.6
>= 3000	15.2	58.3	63.8	67.9	71.2	71.9	73.2	73.8	73.9	75.2	75.9	75.9	76.6	76.6	76.7	76.7
>= 2500	15.3	58.5	64.0	68.2	71.6	72.3	73.6	74.2	74.3	75.6	76.3	76.3	76.9	76.9	77.1	77.1
>= 2000	15.3	58.8	64.5	68.9	72.4	73.2	74.7	75.4	75.6	76.8	77.6	77.6	78.2	78.2	78.3	78.3
>= 1800	15.3	58.9	64.7	69.0	72.6	73.3	74.8	75.6	75.7	76.9	77.7	77.7	78.3	78.3	78.4	78.4
>= 1500	15.5	59.5	65.5	70.3	74.3	75.2	76.9	77.7	77.8	79.1	79.8	79.8	80.5	80.5	80.6	80.6
>= 1200	15.5	59.8	66.0	70.7	75.1	75.9	77.7	78.6	78.7	80.1	80.8	80.8	81.5	81.5	81.6	81.6
>= 1000	15.5	59.9	66.7	71.4	76.2	77.2	79.2	80.2	80.3	82.0	82.7	82.7	83.3	83.3	83.5	83.5
>= 900	15.5	60.0	66.9	71.9	76.8	77.9	80.2	81.2	81.3	83.0	83.7	83.7	84.3	84.3	84.5	84.5
>= 800	15.5	60.0	67.2	72.4	77.4	78.7	81.0	82.1	82.2	84.0	84.7	84.7	85.3	85.3	85.5	85.5
>= 700	15.5	60.3	67.4	72.7	77.9	79.2	81.7	82.8	83.0	84.8	85.6	85.6	86.2	86.2	86.3	86.3
>= 600	15.5	60.7	67.9	73.3	78.9	80.2	83.0	84.2	84.3	86.3	87.1	87.1	87.7	87.7	87.8	87.8
>= 500	15.5	61.0	68.4	74.2	80.1	81.3	84.5	86.1	86.2	88.2	89.1	89.1	89.7	89.8	90.0	90.0
>= 400	15.5	61.0	68.4	74.4	80.6	82.0	85.8	87.7	87.8	90.1	91.0	91.0	91.9	92.0	92.1	92.1
>= 300	15.5	61.0	68.5	74.8	81.2	83.1	87.5	89.3	89.5	92.1	93.2	93.4	94.6	94.7	94.9	94.9
>= 200	15.5	61.0	68.7	74.9	81.3	83.2	88.0	90.0	90.2	93.2	94.6	94.9	96.2	96.4	96.9	97.0
>= 100	15.5	61.0	68.7	74.9	81.3	83.2	88.0	90.1	90.4	93.4	95.2	95.5	97.0	97.4	98.1	98.7
>= 0	15.5	61.0	68.7	74.9	81.3	83.2	88.0	90.1	90.4	93.4	95.2	95.5	97.0	97.4	98.1	100.0

TOTAL NO. OF OBS : 798

MOORE BUSINESS FORMS INC

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : AUG
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	11.9	39.0	41.9	44.8	47.7	48.1	49.6	50.6	50.6	51.6	52.1	52.1	52.3	52.4	52.7	52.9
>=20000	12.0	40.8	44.4	47.9	51.2	51.7	53.4	54.7	54.7	55.8	56.6	56.6	56.9	57.1	57.3	57.6
>=18000	12.0	40.9	44.6	48.1	51.3	51.8	53.6	54.8	54.8	55.9	56.7	56.7	57.1	57.2	57.4	57.7
>=16000	12.0	40.9	44.6	48.1	51.3	51.8	53.6	54.8	54.8	55.9	56.7	56.7	57.1	57.2	57.4	57.7
>=14000	12.2	41.4	45.1	48.6	51.9	52.4	54.2	55.4	55.4	56.7	57.4	57.4	57.8	57.9	58.2	58.4
>=12000	12.4	42.6	46.3	49.8	53.2	53.7	55.4	56.7	56.7	57.9	58.7	58.7	59.1	59.2	59.4	59.7
>=10000	12.7	44.9	48.9	52.8	56.4	57.1	59.2	60.4	60.4	61.8	62.5	62.5	62.9	63.0	63.4	63.7
>= 9000	12.7	45.2	49.2	53.1	56.7	57.3	59.4	60.7	60.7	62.2	62.9	62.9	63.3	63.4	63.8	64.0
>= 8000	13.4	47.6	51.7	55.7	59.3	59.9	62.3	63.5	63.5	65.0	65.8	65.8	66.2	66.3	66.7	66.9
>= 7000	13.5	48.1	52.2	56.2	60.0	60.7	63.0	64.3	64.3	65.8	66.5	66.5	66.9	67.0	67.4	67.7
>= 6000	13.6	48.8	52.9	56.9	60.8	61.5	63.9	65.2	65.2	66.7	67.4	67.4	67.9	68.0	68.4	68.7
>= 5000	13.7	50.1	54.2	58.3	62.2	62.9	65.4	66.7	66.7	68.2	68.9	68.9	69.4	69.5	69.9	70.2
>= 4500	13.7	50.2	54.3	58.4	62.3	63.0	65.5	66.8	66.8	68.3	69.0	69.0	69.5	69.7	70.0	70.3
>= 4000	14.1	51.6	55.8	59.9	63.9	64.8	67.3	68.5	68.5	70.2	70.9	70.9	71.5	71.7	72.0	72.3
>= 3500	14.1	51.6	55.8	59.9	63.9	64.9	67.4	68.7	68.7	70.4	71.2	71.2	71.8	71.9	72.3	72.5
>= 3000	14.2	52.1	56.3	60.5	64.7	65.9	68.5	69.9	69.9	71.7	72.4	72.4	73.0	73.2	73.5	73.8
>= 2500	14.2	52.8	57.4	62.2	66.3	67.5	70.2	71.5	71.5	73.3	74.0	74.0	74.7	74.8	75.2	75.4
>= 2000	14.4	53.3	58.3	63.3	67.4	68.7	71.4	72.8	72.8	74.7	75.4	75.4	76.0	76.2	76.5	76.8
>= 1800	14.4	53.6	58.8	63.8	68.0	69.3	72.0	73.4	73.4	75.3	76.0	76.0	76.7	76.8	77.2	77.4
>= 1500	14.5	53.9	59.3	64.7	69.3	70.5	73.7	75.2	75.2	77.0	77.9	77.9	78.5	78.7	79.0	79.3
>= 1200	14.5	54.1	59.4	64.8	69.4	70.7	73.8	75.4	75.4	77.3	78.2	78.2	78.8	78.9	79.3	79.5
>= 1000	14.5	54.6	60.3	65.9	71.0	72.3	75.8	77.5	77.5	79.4	80.3	80.3	81.0	81.1	81.5	81.8
>= 900	14.5	54.6	60.5	66.3	71.7	72.9	76.4	78.2	78.2	80.0	80.9	80.9	81.6	81.8	82.1	82.4
>= 800	14.5	54.6	60.8	66.7	72.7	74.0	77.8	79.8	79.8	81.8	82.6	82.6	83.4	83.5	83.9	84.1
>= 700	14.5	54.6	60.9	66.9	73.5	74.9	79.0	81.0	81.0	83.4	84.4	84.4	85.1	85.3	85.6	85.9
>= 600	14.5	54.6	61.0	67.2	74.0	75.4	79.8	81.9	81.9	84.8	85.9	85.9	86.6	86.8	87.1	87.4
>= 500	14.5	54.7	61.7	67.9	74.9	76.4	81.6	84.0	84.1	87.1	88.5	88.5	89.3	89.4	89.8	90.0
>= 400	14.5	54.8	61.8	68.0	75.2	76.9	82.8	85.1	85.4	88.9	90.4	90.4	91.1	91.3	91.6	91.9
>= 300	14.5	54.9	62.0	68.4	75.7	77.5	83.6	86.5	86.8	90.3	92.0	92.0	92.9	93.0	93.6	93.9
>= 200	14.5	54.9	62.0	68.4	75.7	77.7	83.9	86.9	87.4	91.5	93.4	93.4	94.8	94.9	95.8	96.1
>= 100	14.5	54.9	62.0	68.4	75.7	77.7	83.9	86.9	87.4	91.6	93.6	93.6	95.4	95.8	97.3	98.0
>= 0	14.5	54.9	62.0	68.4	75.7	77.7	83.9	86.9	87.4	91.6	93.6	93.6	95.5	96.1	97.6	100.0

TOTAL NO. OF OBS : 801

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : AUG
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	14.3	34.2	38.4	41.2	44.7	45.7	46.6	48.2	48.7	49.4	49.7	49.7	49.9	49.9	49.9	50.1
>=20000	14.7	35.9	40.4	43.8	47.8	48.8	49.8	51.7	52.2	52.9	53.4	53.4	53.6	53.6	53.6	53.7
>=18000	14.7	36.0	40.6	44.0	48.0	49.0	50.1	52.0	52.5	53.2	53.7	53.7	53.9	53.9	53.9	54.0
>=16000	14.7	36.0	40.6	44.0	48.0	49.0	50.1	52.0	52.5	53.2	53.7	53.7	53.9	53.9	53.9	54.0
>=14000	14.9	36.2	41.0	44.4	48.6	49.6	50.8	52.7	53.2	53.9	54.5	54.5	54.7	54.7	54.7	54.8
>=12000	15.6	37.9	42.8	46.2	50.7	51.7	53.0	54.9	55.4	56.1	56.7	56.7	57.0	57.0	57.0	57.1
>=10000	16.5	40.3	46.1	50.4	54.9	56.1	57.5	59.5	60.1	60.8	61.4	61.4	61.7	61.7	61.7	61.8
>= 9000	16.6	40.7	46.5	50.9	55.7	57.0	58.4	60.5	61.1	61.8	62.4	62.4	62.7	62.7	62.7	62.8
>= 8000	17.3	43.4	49.6	54.2	59.1	60.5	62.3	64.6	65.2	65.9	66.6	66.6	66.9	66.9	66.9	67.0
>= 7000	17.6	44.2	50.5	55.1	60.1	61.6	63.5	65.9	66.6	67.3	68.0	68.0	68.3	68.3	68.3	68.4
>= 6000	17.9	44.7	51.0	55.6	60.6	62.1	64.1	66.5	67.2	67.9	68.6	68.6	68.9	68.9	68.9	69.0
>= 5000	18.1	46.0	52.3	57.0	62.1	63.6	65.8	68.2	68.9	69.7	70.4	70.4	70.8	70.8	70.8	70.9
>= 4500	18.3	46.4	52.7	57.4	62.6	64.1	66.3	68.7	69.4	70.2	70.9	70.9	71.3	71.3	71.3	71.4
>= 4000	18.6	47.1	53.7	58.7	63.9	65.5	67.7	70.2	70.9	71.7	72.4	72.4	72.8	72.8	72.8	72.9
>= 3500	18.7	47.7	54.3	59.3	64.5	66.2	68.4	70.9	71.6	72.4	73.1	73.1	73.5	73.5	73.5	73.6
>= 3000	18.9	48.2	54.8	59.8	65.2	67.0	69.3	71.8	72.5	73.5	74.3	74.3	74.7	74.7	74.7	74.8
>= 2500	19.0	48.7	55.4	60.4	65.8	67.6	70.0	72.5	73.2	74.2	75.0	75.0	75.4	75.4	75.5	75.6
>= 2000	19.0	49.3	56.1	61.2	66.7	68.6	71.1	73.6	74.3	75.4	76.2	76.2	76.6	76.6	76.7	76.8
>= 1800	19.0	49.3	56.1	61.2	66.7	68.6	71.1	73.6	74.3	75.4	76.2	76.2	76.6	76.6	76.7	76.8
>= 1500	19.0	49.6	56.6	61.9	67.5	69.4	72.0	74.6	75.5	76.7	77.5	77.5	77.9	77.9	78.0	78.1
>= 1200	19.1	49.9	56.9	62.2	68.0	69.9	72.6	75.4	76.3	77.6	78.4	78.4	78.8	78.8	78.9	79.0
>= 1000	19.2	50.8	58.2	63.7	69.7	71.7	74.5	77.5	78.4	79.9	80.7	80.7	81.1	81.1	81.3	81.4
>= 900	19.3	51.1	58.6	64.2	70.2	72.2	75.1	78.3	79.2	80.7	81.5	81.5	81.9	81.9	82.2	82.3
>= 800	19.4	51.4	59.3	65.0	71.2	73.5	76.7	80.1	81.0	82.5	83.4	83.4	83.8	83.8	84.1	84.2
>= 700	19.5	51.9	59.8	65.6	71.8	74.1	77.3	80.8	81.8	83.6	84.4	84.4	84.8	84.8	85.1	85.2
>= 600	19.6	52.1	60.1	66.0	72.2	74.5	78.0	81.7	83.0	85.1	85.9	85.9	86.3	86.3	86.6	86.7
>= 500	19.6	52.5	60.6	66.6	73.2	75.7	79.9	84.3	85.9	88.4	89.4	89.4	90.0	90.1	90.5	90.6
>= 400	19.6	52.6	60.7	66.8	73.5	76.1	80.6	85.5	87.3	90.8	92.0	92.0	92.6	92.7	93.2	93.3
>= 300	19.6	52.7	60.8	67.0	73.7	76.3	81.1	86.4	88.2	92.2	93.6	93.8	94.5	94.6	95.1	95.3
>= 200	19.6	52.7	60.8	67.0	73.7	76.3	81.1	86.4	88.2	92.3	94.0	94.3	96.0	96.5	97.4	97.6
>= 100	19.6	52.7	60.8	67.0	73.7	76.3	81.1	86.4	88.2	92.3	94.2	94.5	96.5	97.1	98.4	99.5
>= 0	19.6	52.7	60.8	67.0	73.7	76.3	81.1	86.4	88.2	92.3	94.2	94.5	96.6	97.3	98.6	100.0

TOTAL NO. OF OBS : 997

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : AUG
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.4	43.4	47.7	50.8	53.5	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
>=20000	21.0	45.8	50.5	53.8	56.6	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
>=18000	21.0	45.8	50.5	53.8	56.6	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
>=16000	21.0	45.8	50.5	53.8	56.6	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
>=14000	21.6	46.6	51.3	54.8	57.6	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
>=12000	22.6	48.6	53.4	57.1	59.9	60.5	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
>=10000	23.3	51.2	56.7	60.6	64.1	64.8	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
>= 9000	23.6	51.8	57.3	61.2	64.7	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
>= 8000	24.5	54.6	60.4	64.4	67.9	68.7	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>= 7000	24.6	55.6	61.5	65.7	69.4	70.2	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>= 6000	24.9	56.3	62.6	66.8	70.5	71.3	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>= 5000	25.3	57.3	63.6	68.1	72.0	72.9	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
>= 4500	25.4	57.7	64.0	68.5	72.4	73.3	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
>= 4000	25.9	58.6	64.9	69.4	73.5	74.4	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
>= 3500	26.1	59.2	65.5	70.0	74.3	75.2	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
>= 3000	26.4	60.2	66.7	71.3	75.7	76.9	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
>= 2500	27.0	61.8	68.7	73.4	78.0	79.2	79.7	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
>= 2000	27.4	62.9	69.8	74.7	79.3	80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
>= 1800	27.6	63.5	70.4	75.3	80.0	81.4	82.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
>= 1500	27.7	64.5	72.0	77.4	82.4	83.8	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
>= 1200	27.8	64.9	72.8	78.4	83.7	85.1	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
>= 1000	28.1	65.7	74.0	79.8	85.4	87.2	89.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
>= 900	28.1	65.9	74.3	80.4	86.0	87.9	89.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
>= 800	28.2	66.7	75.3	81.7	87.8	89.9	92.0	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
>= 700	28.2	66.8	75.4	81.9	88.2	90.4	92.6	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
>= 600	28.2	66.9	75.5	82.2	88.6	91.0	93.3	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
>= 500	28.2	67.2	76.0	82.8	89.3	91.7	94.2	96.0	96.2	96.4	96.6	96.6	96.7	96.7	96.7	96.7
>= 400	28.2	67.3	76.1	83.0	89.6	92.0	94.8	96.7	96.9	97.2	97.4	97.4	97.5	97.6	97.6	97.6
>= 300	28.2	67.3	76.1	83.0	89.6	92.0	94.9	97.1	97.4	98.1	98.4	98.4	98.7	98.8	98.8	98.8
>= 200	28.2	67.3	76.1	83.0	89.6	92.0	95.0	97.2	97.5	98.5	99.1	99.1	99.5	99.6	99.8	99.8
>= 100	28.2	67.3	76.1	83.0	89.6	92.0	95.0	97.2	97.5	98.6	99.2	99.2	99.6	99.7	99.9	99.9
>= 0	28.2	67.3	76.1	83.0	89.6	92.0	95.0	97.2	97.5	98.6	99.2	99.2	99.6	99.7	99.9	100.0

TOTAL NO. OF OBS : 996

MOORE BUSINESS FORMS INC

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : AUG
CLASS : ALL WEATHER — HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.7	42.8	44.9	47.4	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
>=20000	22.8	46.5	48.8	51.9	52.8	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
>=18000	22.9	46.6	48.9	52.0	52.9	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
>=16000	22.9	46.6	48.9	52.0	52.9	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
>=14000	23.5	47.6	49.9	53.0	53.9	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
>=12000	24.3	49.2	51.7	54.8	55.7	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
>=10000	25.2	51.8	54.9	58.3	59.5	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
>= 9000	25.3	51.9	55.0	58.4	59.6	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>= 8000	25.7	54.4	57.8	61.2	62.5	63.0	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
>= 7000	25.7	55.1	58.6	62.1	63.5	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
>= 6000	25.8	55.5	59.2	62.8	64.3	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
>= 5000	26.6	56.9	60.6	64.5	66.2	66.7	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
>= 4500	27.5	58.0	61.9	65.9	67.6	68.1	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
>= 4000	29.3	61.2	65.4	69.8	72.0	72.5	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>= 3500	29.9	63.0	67.5	72.2	74.4	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
>= 3000	30.5	66.1	70.9	76.4	79.0	79.5	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
>= 2500	31.0	67.9	72.9	78.6	81.5	82.0	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
>= 2000	31.9	70.5	75.8	81.6	84.9	85.7	86.1	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
>= 1800	32.0	71.1	76.4	82.2	85.5	86.3	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
>= 1500	32.2	72.4	78.0	84.2	88.1	89.0	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
>= 1200	32.3	72.9	78.7	85.0	89.1	90.2	90.7	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
>= 1000	32.3	73.1	79.2	85.5	89.9	91.2	92.0	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6
>= 900	32.5	73.3	79.5	85.9	90.4	91.6	92.5	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1
>= 800	32.6	73.7	80.2	86.8	91.7	93.0	94.1	94.6	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0
>= 700	32.6	73.8	80.4	87.0	92.0	93.3	94.4	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
>= 600	32.6	73.8	80.6	87.3	92.3	93.6	94.8	95.5	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0
>= 500	32.6	74.0	80.8	87.8	93.1	94.4	95.8	96.6	97.0	97.1	97.3	97.3	97.3	97.3	97.4	97.4
>= 400	32.6	74.0	80.9	87.9	93.3	94.6	96.0	97.2	97.6	97.7	98.1	98.1	98.1	98.1	98.2	98.2
>= 300	32.6	74.0	80.9	87.9	93.3	94.6	96.0	97.4	97.8	98.4	98.8	98.9	98.9	99.1	99.2	99.2
>= 200	32.6	74.0	80.9	87.9	93.5	94.8	96.2	97.6	98.0	98.7	99.2	99.4	99.4	99.7	99.8	99.8
>= 100	32.6	74.0	80.9	87.9	93.5	94.8	96.2	97.6	98.0	98.8	99.3	99.5	99.6	99.9	100.0	100.0
>= 0	32.6	74.0	80.9	87.9	93.5	94.8	96.2	97.6	98.0	98.8	99.3	99.5	99.6	99.9	100.0	100.0

TOTAL NO. OF OBS : 985

2 - CEILING VS VISIBILITY

U14790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : AUG
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.8	47.0	49.7	51.8	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2
>=20000	25.8	52.3	55.3	58.0	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6
>=18000	25.9	52.5	55.5	58.2	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8
>=16000	26.0	52.6	55.6	58.3	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9
>=14000	26.4	53.4	56.5	59.2	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9
>=12000	27.1	55.0	58.3	60.9	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6
>=10000	27.9	57.6	60.9	63.7	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5
>= 9000	28.5	58.7	62.0	64.8	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8
>= 8000	29.2	61.7	65.2	68.3	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8
>= 7000	29.3	62.6	66.3	69.6	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1
>= 6000	29.8	63.6	67.2	70.6	72.5	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2
>= 5000	30.9	65.3	69.0	72.6	74.5	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3
>= 4500	31.4	66.1	70.1	73.6	75.5	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3
>= 4000	32.4	68.4	72.8	76.6	78.9	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9
>= 3500	32.6	69.0	73.5	77.6	79.9	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9
>= 3000	32.8	71.3	75.9	80.3	83.0	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6
>= 2500	33.4	72.9	77.7	82.2	85.2	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8
>= 2000	33.5	73.5	78.8	83.5	86.7	87.7	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8
>= 1800	33.5	73.6	78.9	83.6	86.8	87.8	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9
>= 1500	33.5	74.0	79.4	84.3	87.9	88.9	89.9	90.6	90.7	90.7	90.8	90.8	90.8	90.9	90.9	90.9
>= 1200	33.5	74.2	79.7	84.9	88.5	89.5	90.8	91.4	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7
>= 1000	33.5	74.7	80.2	85.4	89.1	90.3	91.6	92.2	92.4	92.5	92.7	92.7	92.7	92.8	92.8	92.8
>= 900	33.6	74.9	80.6	85.8	89.6	90.9	92.3	92.9	93.1	93.2	93.4	93.4	93.5	93.6	93.6	93.6
>= 800	33.6	75.3	81.0	86.3	90.5	91.9	93.3	93.9	94.2	94.4	94.7	94.7	94.8	94.9	94.9	94.9
>= 700	33.7	75.4	81.2	86.6	90.8	92.2	93.6	94.2	94.5	94.7	95.0	95.0	95.1	95.2	95.2	95.2
>= 600	33.7	75.4	81.2	86.7	90.9	92.3	94.0	94.6	95.0	95.3	95.6	95.6	95.7	95.8	95.8	95.8
>= 500	33.7	75.4	81.2	86.8	91.0	92.5	94.3	95.4	96.1	96.6	97.2	97.2	97.3	97.4	97.4	97.4
>= 400	33.7	75.4	81.2	86.8	91.1	92.6	94.5	95.6	96.4	97.1	97.6	97.6	97.7	97.8	97.8	97.8
>= 300	33.7	75.4	81.2	86.8	91.1	92.6	94.6	96.0	96.9	97.6	98.3	98.3	98.5	98.6	98.6	98.6
>= 200	33.7	75.4	81.2	86.8	91.1	92.6	94.6	96.0	97.2	98.3	99.0	99.0	99.3	99.5	99.6	99.6
>= 100	33.7	75.4	81.2	86.8	91.1	92.6	94.6	96.0	97.2	98.3	99.1	99.1	99.4	99.6	99.9	99.9
>= 0	33.7	75.4	81.2	86.8	91.1	92.6	94.6	96.0	97.2	98.3	99.1	99.1	99.4	99.6	100.0	100.0

TOTAL NO. OF OBS : 985

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : AUG
CLASS : ALL WEATHER — HOUR : 1900 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.3	47.1	49.8	52.6	54.9	55.6	56.4	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.9
>=20000	24.0	50.1	53.5	56.8	59.3	60.3	61.2	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8
>=18000	24.0	50.1	53.5	56.8	59.3	60.3	61.2	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8
>=16000	24.0	50.1	53.5	56.8	59.3	60.3	61.2	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8
>=14000	24.8	51.1	54.5	57.8	60.5	61.6	62.5	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1
>=12000	25.5	52.2	55.6	58.9	61.7	62.8	63.7	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5
>=10000	26.6	55.2	59.5	63.3	66.2	67.4	68.3	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.2
>= 9000	26.7	55.6	60.0	63.8	66.7	67.9	68.9	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.7
>= 8000	27.1	58.2	62.8	67.0	70.3	71.7	73.0	73.4	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.8
>= 7000	27.1	58.8	63.5	68.0	71.3	72.7	74.0	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8
>= 6000	27.4	59.4	64.1	68.8	72.1	73.6	75.0	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9
>= 5000	28.0	60.6	65.6	70.4	73.9	75.5	77.1	77.7	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.2
>= 4500	28.4	61.5	66.7	71.7	75.2	76.8	78.4	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.5
>= 4000	28.7	62.5	67.9	72.9	76.6	78.3	80.1	80.8	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.4
>= 3500	28.7	63.0	68.4	73.4	77.3	79.1	80.9	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.2
>= 3000	28.8	63.4	69.4	74.5	78.7	80.5	82.6	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.9
>= 2500	29.0	63.9	69.9	75.0	79.4	81.3	83.3	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.6
>= 2000	29.3	64.7	71.0	76.4	80.8	82.7	84.9	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.2
>= 1800	29.4	64.9	71.3	76.7	81.3	83.1	85.3	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.6
>= 1500	29.5	65.6	72.1	77.8	82.7	84.5	86.9	87.7	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.4
>= 1200	29.6	66.0	72.5	78.2	83.1	85.1	87.6	88.4	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.1
>= 1000	29.6	66.3	72.8	78.8	83.9	85.9	88.6	89.5	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.3
>= 900	29.8	66.7	73.2	79.2	84.3	86.4	89.1	90.0	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.9
>= 800	29.8	67.1	73.7	79.9	85.1	87.3	90.1	91.0	91.3	91.7	92.1	92.1	92.1	92.1	92.1	92.2
>= 700	29.8	67.2	73.9	80.1	85.3	87.6	90.6	91.8	92.1	92.5	92.9	92.9	92.9	92.9	92.9	93.0
>= 600	29.8	67.2	74.0	80.4	85.7	88.1	91.2	92.5	92.8	93.6	94.1	94.1	94.1	94.1	94.1	94.2
>= 500	29.8	67.3	74.1	80.7	86.1	88.5	92.1	94.0	94.3	95.3	95.8	95.8	95.8	95.8	95.8	95.9
>= 400	29.8	67.4	74.2	81.0	86.4	88.9	92.8	94.8	95.2	96.4	97.0	97.0	97.0	97.0	97.0	97.1
>= 300	29.8	67.4	74.2	81.0	86.4	88.9	92.9	95.1	95.6	96.8	97.5	97.5	97.5	97.5	97.6	97.7
>= 200	29.8	67.4	74.2	81.0	86.4	88.9	93.0	95.2	95.7	97.1	98.0	98.0	98.8	98.8	99.1	99.4
>= 100	29.8	67.4	74.2	81.0	86.4	88.9	93.0	95.2	95.7	97.1	98.0	98.0	98.9	98.9	99.4	99.8
>= 0	29.8	67.4	74.2	81.0	86.4	88.9	93.0	95.2	95.7	97.1	98.0	98.0	98.9	98.9	99.4	100.0

TOTAL NO. OF OBS : 992

2 - CEILING VS VISIBILITY

D14790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : AUG
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	15.4	45.8	49.8	52.4	55.6	55.9	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
>=20000	15.7	48.4	52.8	56.1	59.6	60.0	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
>=18000	15.8	48.7	53.0	56.3	59.8	60.2	62.3	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
>=16000	15.8	48.7	53.0	56.3	59.8	60.2	62.3	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
>=14000	16.1	49.4	53.8	57.2	60.7	61.0	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>=12000	16.4	50.4	55.0	58.5	62.0	62.4	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
>=10000	16.9	53.6	58.4	62.4	66.3	66.6	68.8	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
>= 9000	16.9	53.9	58.6	62.7	66.6	67.0	69.2	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>= 8000	17.6	56.9	61.9	66.3	70.4	70.8	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
>= 7000	17.8	57.6	62.9	67.2	71.5	71.8	74.2	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>= 6000	18.1	58.3	63.5	67.8	72.1	72.5	74.8	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
>= 5000	18.3	58.7	64.0	68.4	73.1	73.5	76.0	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
>= 4500	18.3	59.0	64.2	68.8	73.4	73.9	76.3	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
>= 4000	18.6	59.8	65.2	69.9	74.8	75.2	77.7	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
>= 3500	18.7	60.2	65.7	70.4	75.2	75.7	78.3	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
>= 3000	18.7	60.9	66.4	71.4	76.5	76.9	79.6	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
>= 2500	18.8	61.7	67.1	72.5	77.7	78.2	80.9	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
>= 2000	18.8	62.0	67.5	73.3	78.6	79.1	82.0	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>= 1800	18.8	62.0	67.5	73.3	78.6	79.1	82.0	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>= 1500	18.8	62.6	68.2	74.2	79.6	80.1	83.3	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
>= 1200	18.8	62.9	68.6	74.6	80.2	80.8	84.0	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5
>= 1000	18.8	63.0	69.2	75.5	81.4	82.3	85.6	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
>= 900	18.8	63.1	69.3	75.7	81.7	82.6	85.9	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
>= 800	18.9	63.8	70.4	77.5	83.6	84.8	88.2	88.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0
>= 700	19.1	64.0	70.6	78.0	84.2	85.6	89.4	90.0	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4
>= 600	19.1	64.6	71.5	79.1	85.3	86.8	90.9	91.9	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2
>= 500	19.1	64.6	71.6	79.5	86.0	87.6	91.9	92.8	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3
>= 400	19.1	64.6	71.6	79.5	86.0	87.9	92.8	94.1	94.2	94.5	94.8	94.9	94.9	94.9	94.9	94.9
>= 300	19.1	64.6	71.6	79.5	86.2	88.0	93.3	94.9	95.0	95.5	95.8	95.9	96.0	96.0	96.1	96.1
>= 200	19.1	64.6	71.6	79.5	86.3	88.2	93.9	95.6	95.9	96.5	96.8	97.0	97.3	97.5	97.7	97.8
>= 100	19.1	64.6	71.6	79.5	86.3	88.2	93.9	95.6	95.9	96.5	97.0	97.2	97.7	97.8	98.8	99.3
>= 0	19.1	64.6	71.6	79.5	86.3	88.2	93.9	95.6	95.9	96.5	97.0	97.2	97.7	97.8	98.8	100.0

TOTAL NO. OF OBS : 824

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.4	42.8	46.2	48.8	51.2	51.7	52.3	52.7	52.8	53.1	53.3	53.3	53.4	53.4	53.4	53.5
>=20000	19.0	45.8	49.5	52.6	55.2	55.9	56.6	57.1	57.2	57.6	57.8	57.8	57.9	57.9	58.0	58.0
>=18000	19.0	45.9	49.6	52.8	55.4	56.0	56.8	57.3	57.4	57.7	58.0	58.0	58.1	58.1	58.1	58.2
>=16000	19.1	45.9	49.7	52.8	55.4	56.0	56.8	57.3	57.4	57.8	58.0	58.0	58.1	58.1	58.2	58.2
>=14000	19.5	46.6	50.5	53.6	56.3	56.9	57.8	58.3	58.4	58.7	59.0	59.0	59.1	59.1	59.2	59.2
>=12000	20.1	48.0	51.9	55.1	57.9	58.5	59.4	59.9	60.0	60.4	60.6	60.6	60.8	60.8	60.9	60.9
>=10000	20.8	50.7	55.1	58.8	61.7	62.4	63.4	63.9	64.1	64.5	64.7	64.7	64.9	64.9	64.9	65.0
>= 9000	21.0	51.1	55.6	59.3	62.3	63.0	64.0	64.6	64.7	65.1	65.3	65.3	65.5	65.5	65.6	65.6
>= 8000	21.6	53.9	58.6	62.5	65.6	66.4	67.6	68.2	68.4	68.8	69.0	69.0	69.2	69.2	69.2	69.3
>= 7000	21.7	54.7	59.4	63.4	66.7	67.5	68.7	69.3	69.5	69.9	70.1	70.1	70.3	70.3	70.4	70.4
>= 6000	22.0	55.3	60.2	64.2	67.5	68.4	69.5	70.2	70.4	70.8	71.0	71.0	71.2	71.2	71.3	71.3
>= 5000	22.4	56.5	61.4	65.6	69.1	70.0	71.3	72.0	72.1	72.6	72.9	72.9	73.0	73.1	73.1	73.2
>= 4500	22.7	57.1	62.1	66.3	69.8	70.7	72.0	72.7	72.9	73.3	73.6	73.6	73.7	73.8	73.8	73.9
>= 4000	23.3	58.5	63.7	68.2	71.8	72.8	74.1	74.9	75.0	75.5	75.8	75.8	75.9	76.0	76.0	76.1
>= 3500	23.5	59.1	64.4	68.9	72.7	73.7	75.0	75.8	75.9	76.4	76.7	76.7	76.9	76.9	76.9	77.0
>= 3000	23.7	60.3	65.7	70.5	74.5	75.6	77.1	77.9	78.0	78.5	78.8	78.8	79.0	79.0	79.1	79.1
>= 2500	24.0	61.3	66.9	71.8	76.0	77.1	78.6	79.4	79.5	80.1	80.3	80.3	80.5	80.6	80.6	80.7
>= 2000	24.2	62.1	68.0	73.2	77.4	78.6	80.3	81.1	81.3	81.8	82.1	82.1	82.3	82.3	82.4	82.4
>= 1800	24.3	62.4	68.3	73.5	77.8	79.0	80.6	81.5	81.6	82.2	82.4	82.4	82.6	82.7	82.7	82.8
>= 1500	24.4	63.1	69.2	74.7	79.3	80.6	82.4	83.4	83.6	84.1	84.4	84.4	84.6	84.7	84.7	84.8
>= 1200	24.5	63.4	69.7	75.2	80.0	81.3	83.3	84.3	84.5	85.1	85.3	85.3	85.5	85.6	85.6	85.7
>= 1000	24.5	63.8	70.4	76.1	81.2	82.6	84.9	86.0	86.2	86.9	87.2	87.2	87.4	87.5	87.5	87.6
>= 900	24.6	64.0	70.7	76.5	81.7	83.2	85.5	86.6	86.9	87.5	87.9	87.9	88.1	88.1	88.2	88.3
>= 800	24.6	64.4	71.3	77.4	82.8	84.5	87.0	88.3	88.5	89.3	89.7	89.7	89.9	89.9	90.0	90.1
>= 700	24.7	64.6	71.6	77.7	83.3	85.0	87.6	89.0	89.3	90.1	90.5	90.5	90.8	90.8	90.9	90.9
>= 600	24.7	64.7	71.8	78.1	83.8	85.6	88.4	89.9	90.3	91.3	91.7	91.7	91.9	92.0	92.1	92.1
>= 500	24.7	64.9	72.1	78.6	84.5	86.3	89.6	91.4	91.9	93.0	93.6	93.6	93.9	93.9	94.0	94.1
>= 400	24.7	65.0	72.2	78.8	84.7	86.7	90.3	92.3	92.9	94.3	95.0	95.0	95.3	95.3	95.5	95.5
>= 300	24.7	65.0	72.3	78.9	84.9	86.9	90.7	93.0	93.6	95.3	96.1	96.2	96.6	96.7	96.9	96.9
>= 200	24.7	65.0	72.3	78.9	85.0	87.0	90.9	93.3	93.9	95.9	96.9	97.0	97.8	98.0	98.4	98.5
>= 100	24.7	65.0	72.3	78.9	85.0	87.0	90.9	93.3	94.0	96.0	97.1	97.2	98.1	98.4	99.0	99.4
>= 0	24.7	65.0	72.3	78.9	85.0	87.0	90.9	93.3	94.0	96.0	97.1	97.2	98.1	98.4	99.1	100.0

TOTAL NO. OF OBS : 7378

MOORE BUSINESS FORMS INC

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.0	2.4	1.0	.1	.1	.0	.0	.0	.0	.0	.0	4.7	5.5
NNE	.9	1.9	.6	.4	.0	.0	.0	.0	.0	.0	.0	3.8	5.9
NE	.8	1.0	.4	.3	.0	.0	.0	.0	.0	.0	.0	2.4	5.3
ENE	.5	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.8	5.3
E	1.1	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.4
ESE	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.8
SE	.4	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.3
SSE	1.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.9
S	3.8	3.6	2.8	.5	.0	.0	.0	.0	.0	.0	.0	10.7	5.2
SSW	2.3	4.8	2.9	.3	.0	.0	.0	.0	.0	.0	.0	10.3	5.5
SW	1.0	3.3	1.7	.4	.0	.0	.0	.0	.0	.0	.0	6.4	6.0
WSW	.9	1.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.0
W	1.7	3.3	1.5	.3	.0	.0	.0	.0	.0	.0	.0	6.8	5.2
WNW	1.3	1.3	.5	.3	.0	.0	.0	.0	.0	.0	.0	3.3	5.0
NW	2.4	2.7	1.4	.1	.0	.0	.0	.0	.0	.0	.0	6.6	4.8
NNW	2.2	1.0	.9	.3	.0	.0	.0	.0	.0	.0	.0	4.3	4.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31.1	.0
ALL	22.0	28.2	15.7	2.9	.1	.0	.0	.0	.0	.0	.0	100.0	3.6

TOTAL NO. OF OBS : 785

NOTES :
* = PERCENT < .05

MOORE BUSINESS FORMS INC

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	2.3	1.5	.3	.0	.0	.0	.0	.0	.0	.0	5.2	5.6
NNE	1.2	2.0	1.2	.5	.0	.0	.0	.0	.0	.0	.0	4.9	6.3
NE	.5	1.3	1.4	.4	.1	.0	.0	.0	.0	.0	.0	3.7	7.2
ENE	.5	.6	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.5	5.3
E	.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	2.9
ESE	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.5
SE	.5	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.1
SSE	.8	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.3
S	4.0	3.7	1.7	.5	.0	.0	.0	.0	.0	.0	.0	9.8	4.6
SSW	1.9	4.3	2.9	.8	.0	.0	.0	.0	.0	.0	.0	10.0	5.9
SW	1.5	1.4	1.5	.3	.0	.0	.0	.0	.0	.0	.0	4.7	5.4
WSW	.9	1.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.0
W	2.0	2.9	1.3	.4	.0	.0	.0	.0	.0	.0	.0	6.6	5.2
WNW	1.3	1.8	1.0	.3	.0	.0	.0	.0	.0	.0	.0	4.3	5.0
NW	2.3	2.8	.6	.1	.0	.0	.0	.0	.0	.0	.0	5.9	4.3
NNW	1.9	2.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	5.0	4.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30.8	.0
ALL	21.5	28.6	15.3	3.5	.3	.0	.0	.0	.0	.0	.0	100.0	3.6

TOTAL NO. OF OBS : 782

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : SEP
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.5	3.1	1.6	.7	.1	.0	.0	.0	.0	.0	.0	7.1	6.0
NNE	1.5	2.3	2.6	.5	.1	.0	.0	.0	.0	.0	.0	7.1	6.6
NE	.9	1.8	1.6	.3	.0	.0	.0	.0	.0	.0	.0	4.7	6.3
ENE	.5	.7	.3	.2	.1	.0	.0	.0	.0	.0	.0	1.8	6.1
E	1.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.2
ESE	.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.1
SE	.5	.6	.1	.2	.0	.0	.0	.0	.0	.0	.0	1.4	4.9
SSE	.7	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.6
S	4.3	2.6	2.0	.3	.0	.0	.0	.0	.0	.0	.0	9.3	4.6
SSW	1.9	2.9	2.5	.6	.0	.0	.0	.0	.0	.0	.0	8.0	5.9
SW	1.4	3.0	2.4	.5	.0	.0	.0	.0	.0	.0	.0	7.4	6.4
WSW	.6	1.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.7	5.0
W	1.4	2.8	2.3	.6	.0	.0	.0	.0	.0	.0	.0	7.2	6.2
WNW	2.1	1.9	1.6	.9	.0	.0	.0	.0	.0	.0	.0	6.6	6.0
NW	2.1	3.8	1.9	.1	.0	.0	.0	.0	.0	.0	.0	8.0	5.4
NNW	2.5	2.7	.9	.4	.0	.0	.0	.0	.0	.0	.0	6.6	5.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.8	.0
ALL	23.7	31.5	21.2	5.5	.3	.0	.0	.0	.0	.0	.0	100.0	4.7

TOTAL NO. OF OBS : 989

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP
CLASS : ALL WEATHER — HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.9	3.1	3.1	.8	.0	.0	.0	.0	.0	.0	.0	8.0	7.0
NNE	.5	3.4	3.3	1.3	.1	.2	.0	.0	.0	.0	.0	8.9	8.2
NE	.6	2.7	3.1	.8	.0	.0	.0	.0	.0	.0	.0	7.3	7.2
ENE	.9	2.1	1.6	.3	.2	.0	.0	.0	.0	.0	.0	5.2	6.5
E	.7	1.0	.7	.2	.0	.0	.0	.0	.0	.0	.0	2.6	5.8
ESE	.4	1.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.7
SE	.4	1.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.3
SSE	.4	1.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	2.4	6.0
S	1.8	2.4	2.7	.5	.0	.0	.0	.0	.0	.0	.0	7.5	6.1
SSW	.8	2.7	4.7	1.2	.1	.0	.0	.0	.0	.0	.0	9.5	7.8
SW	.3	2.8	3.0	1.4	.1	.0	.0	.0	.0	.0	.0	7.7	7.9
WSW	1.3	1.6	2.7	.7	.3	.0	.0	.0	.0	.0	.0	6.7	7.2
W	.8	2.4	3.6	1.1	.1	.0	.0	.0	.0	.0	.0	8.1	7.7
WNW	.5	2.2	3.0	1.4	.1	.0	.0	.0	.0	.0	.0	7.3	8.1
NW	.9	1.0	2.2	.8	.2	.0	.0	.0	.0	.0	.0	5.2	7.9
NNW	.6	1.8	1.6	1.1	.1	.0	.0	.0	.0	.0	.0	5.3	7.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	.0
ALL	12.0	33.3	37.3	11.9	1.4	.2	.0	.0	.0	.0	.0	100.0	7.0

TOTAL NO. OF OBS : 987

NOTES :
* = PERCENT < .05

MOORE BUSINESS FORMS, INC.

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : SEP
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.3	2.1	2.6	.9	.0	.0	.0	.0	.0	.0	.0	6.0	7.7
NNE	.8	2.5	2.5	.7	.3	.0	.0	.0	.0	.0	.0	6.9	7.5
NE	.4	3.2	3.1	1.3	.1	.0	.0	.0	.0	.0	.0	8.2	7.7
ENE	.9	2.6	1.9	.1	.1	.0	.0	.0	.0	.0	.0	5.7	6.2
E	1.3	2.8	1.0	.2	.0	.0	.0	.1	.0	.0	.0	5.5	5.7
ESE	.3	.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	2.0	5.9
SE	.3	.8	.4	.2	.0	.0	.0	.0	.0	.0	.0	1.7	6.5
SSE	.3	.7	.8	.2	.1	.0	.0	.0	.0	.0	.0	2.1	7.4
S	.6	1.7	2.9	1.2	.1	.0	.0	.0	.0	.0	.0	6.6	8.1
SSW	.2	2.5	4.8	2.9	.2	.0	.0	.0	.0	.0	.0	10.6	9.1
SW	.5	1.8	5.1	1.3	.2	.0	.0	.0	.0	.0	.0	8.9	8.3
WSW	.7	1.6	3.1	1.2	.1	.0	.0	.0	.0	.0	.0	6.8	8.0
W	.8	2.7	3.7	1.3	.2	.0	.0	.0	.0	.0	.0	8.8	7.8
WNW	.9	2.0	3.8	1.7	.5	.0	.0	.0	.0	.0	.0	9.0	8.6
NW	.2	1.8	1.9	.7	.2	.0	.0	.0	.0	.0	.0	4.9	8.2
NNW	.4	.7	1.4	1.2	.0	.0	.0	.0	.0	.0	.0	3.7	8.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	.0
ALL	9.0	30.8	40.0	15.4	2.1	.0	.0	.1	.0	.0	.0	100.0	7.6

TOTAL NO. OF OBS : 988

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.2	.8	1.0	.4	.1	.0	.0	.0	.0	.0	.0	2.5	8.3
NNE	1.0	2.5	2.0	.8	.1	.0	.0	.0	.0	.0	.0	6.5	7.0
NE	.9	2.7	1.6	.4	.0	.0	.0	.0	.0	.0	.0	5.7	6.0
ENE	1.4	3.4	1.4	.5	.0	.0	.0	.0	.0	.0	.0	6.8	5.8
E	1.6	5.3	1.1	.2	.0	.0	.0	.0	.0	.0	.0	8.2	5.2
ESE	.6	3.5	1.1	.2	.0	.0	.0	.0	.0	.0	.0	5.5	5.7
SE	.5	1.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.6
SSE	.4	1.6	.6	.6	.1	.0	.0	.0	.0	.0	.0	3.3	7.0
S	.7	2.9	4.1	1.1	.3	.1	.0	.0	.0	.0	.0	9.2	8.2
SSW	.9	1.6	5.6	3.2	.1	.1	.0	.0	.0	.0	.0	11.6	9.2
SW	.8	1.6	2.5	1.7	.1	.0	.0	.0	.0	.0	.0	6.8	8.4
WSW	.6	2.5	2.0	.3	.1	.0	.0	.0	.0	.0	.0	5.6	6.8
W	1.3	4.2	3.5	.8	.2	.0	.0	.0	.0	.0	.0	10.0	6.8
WNW	.5	2.4	3.4	1.2	.0	.0	.0	.0	.0	.0	.0	7.6	7.6
NW	.2	1.6	1.7	.7	.0	.0	.0	.0	.0	.0	.0	4.3	7.9
NNW	.3	.3	1.1	.6	.0	.0	.0	.0	.0	.1	.0	2.4	10.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0
ALL	12.1	38.4	33.7	12.9	1.1	.2	.0	.0	.0	.1	.0	100.0	7.1

TOTAL NO. OF OBS : 987

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : SEP
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.0	1.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	3.4	5.6
NNE	1.7	1.1	.9	.6	.1	.0	.0	.0	.0	.0	.0	4.5	6.4
NE	.5	1.7	.6	.4	.0	.0	.0	.0	.0	.0	.0	3.2	6.4
ENE	1.8	.2	.1	.2	.0	.1	.0	.0	.0	.0	.0	2.4	4.4
E	2.3	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	3.6	3.2
ESE	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.4
SE	1.9	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.6	3.3
SSE	2.4	1.9	.8	.1	.0	.0	.0	.0	.0	.0	.0	5.3	4.2
S	4.4	6.3	3.9	.7	.1	.0	.0	.0	.0	.0	.0	15.3	5.5
SSW	1.7	4.1	5.0	.9	.1	.0	.0	.0	.0	.0	.0	11.8	6.6
SW	.6	1.5	2.0	.2	.1	.0	.0	.0	.0	.0	.0	4.5	6.7
WSW	1.2	1.1	.7	.1	.0	.0	.0	.0	.0	.0	.0	3.1	4.9
W	1.9	1.8	.6	.4	.0	.0	.0	.0	.0	.0	.0	4.8	4.9
WNW	1.5	1.1	.7	.0	.0	.2	.0	.0	.0	.0	.0	3.6	5.4
NW	.4	1.1	.7	.4	.0	.0	.0	.0	.0	.0	.0	2.6	6.7
NNW	.3	.6	.7	.5	.2	.0	.0	.0	.0	.0	.0	2.3	8.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24.9	.0
ALL	24.9	26.7	17.8	4.9	.6	.3	.0	.0	.0	.0	.0	100.0	4.1

TOTAL NO. OF OBS : 985

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.9	2.2	1.4	.1	.0	.0	.0	.0	.0	.0	.0	4.6	5.7
NNE	1.2	1.0	.5	.6	.1	.0	.0	.0	.0	.0	.0	3.5	6.1
NE	.9	.5	.2	.2	.1	.0	.0	.0	.0	.0	.0	2.0	5.8
ENE	.5	.6	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.4	6.2
E	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.9
ESE	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.5
SE	.7	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.4
SSE	1.7	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.3
S	4.6	4.6	2.2	.6	.0	.0	.0	.0	.0	.0	.0	12.0	4.9
SSW	2.6	4.8	4.0	.9	.0	.0	.0	.0	.0	.0	.0	12.3	6.0
SW	1.7	3.0	2.2	.4	.0	.0	.0	.0	.0	.0	.0	7.3	5.8
WSW	1.5	.9	.6	.2	.0	.0	.0	.0	.0	.0	.0	3.2	4.9
W	1.6	2.0	1.4	.2	.1	.0	.0	.0	.0	.0	.0	5.3	5.7
WNW	.9	.9	1.2	.2	.0	.0	.0	.0	.0	.0	.0	3.2	6.0
NW	.9	1.0	1.2	.4	.0	.0	.0	.0	.0	.0	.0	3.5	6.3
NNW	.9	2.1	1.1	.5	.0	.0	.0	.0	.0	.0	.0	4.6	6.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31.1	.0
ALL	21.8	25.2	16.9	4.5	.5	.0	.0	.0	.0	.0	.0	100.0	3.8

TOTAL NO. OF OBS : 806

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.9	2.2	1.7	.5	.0*	.0	.0	.0	.0	.0	.0	5.2	6.5
NNE	1.1	2.1	1.8	.7	.1	.0*	.0	.0	.0	.0	.0	5.9	7.0
NE	.7	2.0	1.6	.5	.0*	.0	.0	.0	.0	.0	.0	4.8	6.8
ENE	.9	1.5	.8	.2	.1	.0*	.0	.0	.0	.0	.0	3.5	5.9
E	1.3	1.5	.5	.1	.0	.0	.0	.0*	.0	.0	.0	3.4	4.6
ESE	.4	.9	.4	.0*	.0	.0	.0	.0	.0	.0	.0	1.7	5.2
SE	.7	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.9	4.8
SSE	1.0	1.0	.5	.1	.0*	.0	.0	.0	.0	.0	.0	2.7	5.1
S	2.9	3.4	2.8	.7	.1	.0*	.0	.0	.0	.0	.0	10.0	5.8
SSW	1.5	3.4	4.1	1.4	.1	.0*	.0	.0	.0	.0	.0	10.5	7.1
SW	1.0	2.3	2.6	.8	.1	.0	.0	.0	.0	.0	.0	6.8	7.1
WSW	1.0	1.5	1.5	.4	.1	.0	.0	.0	.0	.0	.0	4.4	6.4
W	1.4	2.8	2.3	.7	.1	.0	.0	.0	.0	.0	.0	7.3	6.4
WNW	1.1	1.7	2.0	.8	.1	.0*	.0	.0	.0	.0	.0	5.8	7.0
NW	1.1	2.0	1.5	.4	.1	.0	.0	.0	.0	.0	.0	5.1	6.3
NNW	1.1	1.5	1.1	.6	.0*	.0	.0	.0	.0	.0*	.0	4.3	6.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.9	.0
ALL	18.1	30.6	25.4	8.0	.8	.1	.0	.0*	.0	.0*	.0	100.0	5.3

TOTAL NO. OF OBS : 7309

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : SEP
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	14.8	44.1	47.2	49.1	51.2	51.3	52.2	52.3	52.3	53.2	53.5	53.5	54.0	54.0	54.1	54.2
>=20000	14.8	45.2	48.6	51.2	53.3	53.5	54.6	54.8	54.8	55.7	55.9	55.9	56.4	56.4	56.6	56.7
>=18000	14.9	45.4	48.7	51.3	53.5	53.6	54.9	55.0	55.0	55.9	56.2	56.2	56.7	56.7	56.8	56.9
>=16000	14.9	45.4	48.7	51.3	53.5	53.6	54.9	55.0	55.0	55.9	56.2	56.2	56.7	56.7	56.8	56.9
>=14000	15.0	45.8	49.1	51.7	53.9	54.0	55.3	55.4	55.4	56.3	56.6	56.6	57.1	57.1	57.2	57.3
>=12000	15.7	47.0	50.4	53.2	55.4	55.5	56.8	56.9	56.9	57.8	58.1	58.1	58.6	58.6	58.7	58.9
>=10000	15.9	50.0	53.6	56.7	59.1	59.3	60.5	60.7	60.7	61.6	61.8	61.8	62.3	62.3	62.5	62.6
>= 9000	15.9	50.4	54.0	57.1	59.5	59.6	60.9	61.1	61.1	62.0	62.2	62.2	62.7	62.7	62.9	63.0
>= 8000	16.6	53.1	56.8	60.2	63.0	63.1	64.4	64.5	64.5	65.4	65.7	65.7	66.2	66.2	66.3	66.5
>= 7000	16.7	54.1	57.8	61.2	64.0	64.3	65.7	65.8	65.8	66.7	67.0	67.0	67.5	67.5	67.6	67.7
>= 6000	17.0	55.8	59.6	63.0	65.8	66.1	67.5	67.6	67.6	68.5	68.8	68.8	69.3	69.3	69.4	69.5
>= 5000	17.2	57.8	61.7	65.3	68.3	68.5	70.1	70.2	70.2	71.1	71.3	71.3	71.9	71.9	72.0	72.1
>= 4500	17.2	58.1	62.1	65.7	68.6	68.9	70.4	70.6	70.6	71.5	71.7	71.7	72.2	72.2	72.4	72.5
>= 4000	17.4	59.5	63.8	67.4	70.3	70.7	72.2	72.4	72.4	73.3	73.5	73.5	74.0	74.0	74.2	74.3
>= 3500	17.4	59.6	63.9	67.7	70.7	71.1	72.6	72.8	72.8	73.7	73.9	73.9	74.4	74.4	74.6	74.7
>= 3000	17.5	60.8	65.2	69.2	72.5	72.9	74.8	75.1	75.1	76.0	76.2	76.2	76.7	76.7	76.9	77.0
>= 2500	17.6	62.0	66.5	70.6	73.9	74.4	76.3	76.6	76.6	77.5	77.8	77.8	78.3	78.3	78.4	78.5
>= 2000	18.3	63.4	68.1	72.5	75.8	76.3	78.3	78.5	78.7	79.6	79.8	79.8	80.3	80.3	80.5	80.6
>= 1800	18.3	63.5	68.3	72.6	76.0	76.5	78.4	78.7	78.8	79.7	79.9	79.9	80.5	80.5	80.6	80.7
>= 1500	18.4	64.5	69.4	74.2	77.6	78.1	80.2	80.6	80.7	81.6	81.9	81.9	82.4	82.4	82.5	82.6
>= 1200	18.4	65.2	70.2	75.1	78.8	79.3	81.4	81.7	81.9	82.8	83.0	83.0	83.5	83.5	83.7	83.8
>= 1000	18.4	65.9	71.5	76.6	80.5	81.0	83.0	83.5	83.7	84.6	84.8	84.8	85.3	85.3	85.5	85.6
>= 900	18.4	66.1	71.6	76.7	80.7	81.2	83.3	83.8	83.9	84.8	85.1	85.1	85.6	85.6	85.7	85.9
>= 800	18.4	66.3	72.2	77.9	82.0	82.5	84.6	85.2	85.3	86.2	86.5	86.5	87.0	87.0	87.1	87.3
>= 700	18.4	66.5	72.5	78.1	82.4	82.9	85.1	85.7	85.9	86.8	87.0	87.0	87.5	87.5	87.7	87.8
>= 600	18.4	66.6	72.6	78.3	82.9	83.4	85.9	86.6	86.8	87.8	88.0	88.0	88.6	88.6	88.7	88.8
>= 500	18.4	66.8	73.1	79.2	84.2	85.0	87.9	88.9	89.1	90.2	90.5	90.5	91.0	91.0	91.1	91.3
>= 400	18.4	66.8	73.1	79.7	85.0	85.9	89.5	90.6	90.7	92.0	92.4	92.4	92.9	92.9	93.1	93.3
>= 300	18.4	67.0	73.5	80.1	85.6	86.5	90.5	91.9	92.0	93.8	94.2	94.2	94.9	94.9	95.0	95.2
>= 200	18.4	67.0	73.5	80.1	85.6	86.5	90.9	92.4	92.5	94.6	95.4	95.4	96.3	96.4	96.8	97.2
>= 100	18.4	67.0	73.5	80.1	85.6	86.5	90.9	92.4	92.5	94.7	95.8	95.8	96.8	97.0	98.1	99.0
>= 0	18.4	67.0	73.5	80.1	85.6	86.5	90.9	92.4	92.5	94.7	95.8	95.8	96.9	97.2	98.2	100.0

TOTAL NO. OF OBS : 778

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : SEP
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	14.2	45.2	48.0	50.6	52.9	53.0	54.1	54.6	55.0	55.5	55.9	55.9	56.2	56.2	56.4	56.9
>=20000	14.2	46.1	48.9	51.6	53.9	54.1	55.1	55.6	56.0	56.6	57.0	57.0	57.4	57.4	57.5	58.0
>=18000	14.2	46.1	48.9	51.6	53.9	54.1	55.1	55.6	56.0	56.6	57.0	57.0	57.4	57.4	57.5	58.0
>=16000	14.2	46.1	48.9	51.6	53.9	54.1	55.1	55.6	56.0	56.6	57.0	57.0	57.4	57.4	57.5	58.0
>=14000	14.4	46.3	49.2	51.9	54.4	54.6	55.6	56.1	56.5	57.1	57.5	57.5	57.9	57.9	58.0	58.6
>=12000	14.8	47.2	50.2	52.9	55.6	55.7	56.8	57.3	57.7	58.3	58.7	58.7	59.1	59.1	59.2	59.7
>=10000	15.1	49.0	52.1	55.3	58.0	58.2	59.5	60.0	60.4	61.0	61.4	61.4	61.8	61.8	61.9	62.4
>= 9000	15.2	49.4	52.5	55.7	58.4	58.6	59.8	60.4	60.7	61.4	61.8	61.8	62.2	62.2	62.3	62.8
>= 8000	15.3	50.3	53.7	56.9	59.7	59.8	61.3	61.9	62.3	63.2	63.6	63.6	64.0	64.0	64.1	64.6
>= 7000	15.4	51.4	54.7	57.9	60.7	61.0	62.5	63.2	63.6	64.5	64.9	64.9	65.3	65.3	65.4	65.9
>= 6000	15.8	52.8	56.5	59.8	63.1	63.3	64.9	65.5	65.9	66.8	67.2	67.2	67.6	67.6	67.7	68.2
>= 5000	16.2	54.4	58.3	61.9	65.3	65.5	67.1	67.7	68.1	69.0	69.4	69.4	69.8	69.8	69.9	70.4
>= 4500	16.3	55.3	59.2	62.8	66.2	66.4	68.0	68.6	69.0	69.9	70.3	70.3	70.7	70.7	70.8	71.3
>= 4000	16.5	55.9	59.8	63.6	66.9	67.2	68.7	69.4	69.8	70.7	71.0	71.0	71.4	71.4	71.6	72.1
>= 3500	16.5	56.1	60.2	64.0	67.4	67.7	69.4	70.0	70.4	71.3	71.7	71.7	72.1	72.1	72.2	72.7
>= 3000	16.9	57.7	62.0	66.0	69.5	69.8	71.4	72.1	72.5	73.4	73.7	73.7	74.1	74.1	74.3	74.8
>= 2500	17.0	58.3	62.8	66.9	70.7	70.9	72.6	73.2	73.6	74.5	74.9	74.9	75.3	75.3	75.4	75.9
>= 2000	17.0	58.8	63.6	67.7	71.8	72.1	73.7	74.4	74.8	75.7	76.1	76.1	76.4	76.4	76.6	77.1
>= 1800	17.1	59.3	64.1	68.2	72.3	72.6	74.3	74.9	75.3	76.2	76.6	76.6	77.0	77.0	77.1	77.6
>= 1500	17.2	60.1	65.0	69.1	73.5	73.7	75.4	76.1	76.4	77.3	77.7	77.7	78.1	78.1	78.2	78.8
>= 1200	17.2	60.5	65.4	69.5	74.0	74.3	76.1	76.7	77.1	78.0	78.4	78.4	78.8	78.8	78.9	79.4
>= 1000	17.2	61.1	66.2	70.5	75.4	75.8	77.7	78.4	78.8	79.7	80.1	80.1	80.4	80.4	80.6	81.1
>= 900	17.2	61.1	66.2	70.5	75.4	75.8	77.9	78.5	78.9	79.8	80.2	80.2	80.6	80.6	80.7	81.2
>= 800	17.2	61.9	67.4	72.1	77.7	78.1	80.3	81.0	81.3	82.2	82.6	82.6	83.0	83.0	83.1	83.7
>= 700	17.2	62.2	67.7	72.6	78.5	78.9	81.2	81.9	82.2	83.1	83.7	83.7	84.0	84.0	84.2	84.7
>= 600	17.2	62.2	68.1	73.2	79.5	80.1	82.5	83.1	83.5	84.7	85.2	85.2	85.6	85.6	85.7	86.2
>= 500	17.2	62.4	68.7	74.3	81.0	81.5	84.7	85.6	86.0	87.1	87.6	87.6	88.0	88.0	88.2	88.7
>= 400	17.2	62.9	69.4	75.0	81.9	82.5	86.2	87.3	87.6	88.9	89.6	89.6	90.1	90.1	90.2	90.7
>= 300	17.2	63.1	69.5	75.2	82.5	83.4	87.5	89.1	89.4	91.1	91.9	91.9	92.5	92.5	92.7	93.2
>= 200	17.2	63.3	69.9	75.5	82.9	83.8	88.0	89.7	90.2	91.9	92.9	92.9	94.2	94.2	94.9	95.5
>= 100	17.2	63.3	69.9	75.5	82.9	83.8	88.0	89.8	90.3	92.0	93.1	93.1	94.6	94.6	95.6	97.7
>= 0	17.2	63.3	69.9	75.5	82.9	83.8	88.0	89.8	90.3	92.0	93.2	93.2	94.9	94.9	95.9	100.0

TOTAL NO. OF OBS : 777

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES) >=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	16.0	36.5	40.6	43.2	45.9	47.1	48.6	49.6	49.9	50.9	51.6	51.7	51.8	52.0	52.2	52.6
>=20000	16.1	37.9	42.3	44.9	47.9	49.1	50.9	52.0	52.3	53.3	54.1	54.2	54.4	54.6	55.0	55.5
>=18000	16.1	37.9	42.3	44.9	47.9	49.1	51.0	52.1	52.4	53.4	54.2	54.3	54.6	54.8	55.2	55.7
>=16000	16.1	37.9	42.3	44.9	47.9	49.1	51.0	52.1	52.4	53.4	54.2	54.3	54.6	54.8	55.2	55.7
>=14000	16.7	38.9	43.4	46.3	49.2	50.5	52.3	53.4	53.7	54.8	55.5	55.6	55.9	56.1	56.5	57.0
>=12000	17.7	40.6	45.2	48.1	51.2	52.4	54.3	55.5	55.8	56.8	57.5	57.6	57.9	58.2	58.6	59.2
>=10000	18.4	43.6	48.3	51.6	54.9	56.2	58.3	59.5	59.8	60.9	61.6	61.7	62.0	62.4	62.8	63.4
>= 9000	18.5	43.9	48.6	51.9	55.2	56.5	58.6	59.8	60.1	61.2	61.9	62.1	62.5	62.7	63.1	63.7
>= 8000	18.9	45.5	50.5	54.1	57.4	58.8	60.8	62.1	62.4	63.5	64.3	64.4	64.8	65.0	65.4	66.2
>= 7000	19.3	46.8	51.7	55.3	58.8	60.2	62.3	63.5	63.8	65.0	65.8	65.9	66.4	66.6	67.0	67.7
>= 6000	19.4	47.2	52.3	55.9	59.5	60.9	63.0	64.2	64.6	65.8	66.7	66.8	67.2	67.4	67.8	68.5
>= 5000	19.8	47.9	53.0	56.7	60.5	61.9	64.0	65.2	65.6	66.9	67.7	67.8	68.2	68.4	68.8	69.5
>= 4500	20.0	48.2	53.3	57.1	60.9	62.5	64.5	65.7	66.2	67.4	68.2	68.3	68.7	68.9	69.3	70.1
>= 4000	20.2	48.8	54.1	57.8	61.6	63.2	65.2	66.5	66.9	68.1	68.9	69.0	69.4	69.6	70.1	70.8
>= 3500	20.2	49.1	54.4	58.2	61.9	63.5	65.5	66.8	67.2	68.4	69.2	69.3	69.7	69.9	70.4	71.1
>= 3000	20.4	50.1	55.4	59.2	63.0	64.6	66.7	67.9	68.3	69.5	70.4	70.5	70.9	71.1	71.5	72.2
>= 2500	20.5	50.8	56.3	60.1	64.0	65.6	67.7	68.9	69.3	70.6	71.4	71.5	71.9	72.1	72.5	73.2
>= 2000	20.9	51.9	57.5	61.4	65.3	67.0	69.0	70.3	70.7	72.0	72.8	72.9	73.3	73.5	73.9	74.7
>= 1800	21.0	52.2	57.8	61.7	65.7	67.4	69.4	70.7	71.1	72.4	73.2	73.3	73.7	73.9	74.4	75.1
>= 1500	21.2	52.9	58.7	62.6	67.0	68.6	70.7	72.0	72.4	73.7	74.7	74.8	75.2	75.4	75.8	76.5
>= 1200	21.4	53.5	59.4	63.3	67.9	69.5	71.6	73.0	73.4	74.8	75.8	75.9	76.3	76.5	77.0	77.7
>= 1000	21.8	54.8	60.6	64.5	69.4	71.3	73.6	75.1	75.5	77.0	78.2	78.3	78.7	78.9	79.4	80.1
>= 900	21.8	55.0	60.8	64.8	69.9	71.8	74.3	75.7	76.1	77.6	78.8	78.9	79.3	79.5	80.0	80.7
>= 800	21.8	55.5	61.5	65.6	70.9	72.7	75.4	77.0	77.4	79.0	80.1	80.2	80.6	80.8	81.3	82.1
>= 700	21.9	55.9	62.1	66.2	71.7	73.8	76.9	78.7	79.3	80.9	82.2	82.3	82.7	82.9	83.4	84.1
>= 600	21.9	56.0	62.3	66.6	72.2	74.5	77.7	79.9	80.5	82.4	83.8	83.9	84.4	84.6	85.1	85.8
>= 500	21.9	56.1	62.5	67.0	73.0	75.4	79.4	81.7	82.4	85.0	86.6	86.7	87.3	87.5	88.0	88.7
>= 400	21.9	56.4	62.8	67.4	73.5	76.0	80.4	83.2	83.9	87.2	88.9	89.1	89.8	90.2	90.7	91.5
>= 300	22.1	56.5	63.0	67.7	73.8	76.3	81.0	84.3	85.3	89.0	91.6	91.8	92.5	92.8	93.4	94.3
>= 200	22.1	56.5	63.0	67.7	73.8	76.3	81.0	84.3	85.3	89.1	92.1	92.3	93.5	93.8	95.0	96.0
>= 100	22.1	56.5	63.0	67.7	73.8	76.3	81.0	84.3	85.3	89.1	92.2	92.4	94.1	94.6	96.8	98.9
>= 0	22.1	56.5	63.0	67.7	73.8	76.3	81.0	84.3	85.3	89.1	92.2	92.4	94.1	94.6	96.8	100.0

TOTAL NO. OF OBS : 975

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : SEP
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.5	45.1	48.4	50.4	52.2	52.5	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
>=20000	22.2	47.2	50.7	52.9	54.6	55.1	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
>=18000	22.2	47.3	50.8	53.0	54.7	55.2	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
>=16000	22.2	47.4	50.9	53.1	54.8	55.3	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
>=14000	22.5	48.0	51.5	53.7	55.5	55.9	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
>=12000	23.1	49.6	53.2	55.4	57.2	57.6	58.1	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4
>=10000	24.2	52.7	56.7	59.0	60.9	61.3	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
>= 9000	24.5	53.2	57.2	59.5	61.5	62.0	62.5	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
>= 8000	24.7	55.3	59.5	61.9	64.0	64.4	64.9	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>= 7000	25.2	56.0	60.2	62.7	64.8	65.3	65.8	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
>= 6000	25.5	56.9	61.1	63.7	65.9	66.3	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
>= 5000	26.1	58.4	62.7	65.4	67.5	68.0	68.6	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
>= 4500	26.4	59.1	63.4	66.1	68.2	68.8	69.3	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
>= 4000	26.6	59.8	64.3	67.0	69.3	69.9	70.4	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>= 3500	26.9	60.9	65.6	68.2	70.6	71.2	71.8	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
>= 3000	27.8	62.6	67.5	70.4	72.9	73.5	74.0	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
>= 2500	28.6	64.0	69.2	72.2	74.8	75.5	76.0	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>= 2000	29.3	65.7	71.0	74.0	76.9	77.5	78.0	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>= 1800	29.4	66.1	71.5	74.5	77.6	78.2	78.8	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>= 1500	29.9	67.2	73.0	76.4	79.7	80.6	81.4	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
>= 1200	30.3	68.2	74.0	77.5	80.9	82.1	83.0	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
>= 1000	30.3	69.2	75.3	79.4	83.3	84.5	85.7	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
>= 900	30.4	69.4	75.5	79.6	83.7	84.9	86.1	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>= 800	30.8	70.3	76.5	80.8	85.3	86.6	88.0	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1
>= 700	30.8	70.5	77.0	81.6	86.3	87.7	89.2	89.9	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7
>= 600	30.8	70.5	77.0	81.8	86.7	88.4	89.9	91.2	91.5	92.0	92.2	92.2	92.2	92.2	92.2	92.2
>= 500	30.8	70.7	77.2	82.3	88.1	89.9	91.4	92.9	93.4	94.2	94.4	94.4	94.4	94.4	94.4	94.4
>= 400	30.8	70.8	77.4	82.6	88.6	90.6	92.7	94.2	94.7	96.1	96.5	96.5	96.5	96.5	96.5	96.5
>= 300	30.8	70.8	77.4	82.6	88.6	90.6	92.8	94.7	95.4	97.6	98.0	98.0	98.6	98.6	98.7	98.8
>= 200	30.8	70.8	77.4	82.6	88.6	90.6	92.8	94.9	95.6	97.9	98.5	98.6	99.3	99.3	99.5	99.8
>= 100	30.8	70.8	77.4	82.6	88.6	90.6	92.8	94.9	95.6	97.9	98.5	98.6	99.4	99.4	99.6	100.0
>= 0	30.8	70.8	77.4	82.6	88.6	90.6	92.8	94.9	95.6	97.9	98.5	98.6	99.4	99.4	99.6	100.0

TOTAL NO. OF OBS : 970

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP
CLASS : ALL WEATHER — HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES) >=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.2	45.9	48.0	50.2	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
>=20000	23.9	48.9	51.3	53.7	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
>=18000	23.9	49.1	51.5	53.9	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
>=16000	23.9	49.1	51.5	53.9	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
>=14000	24.8	50.1	52.6	55.0	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
>=12000	25.4	51.7	54.4	56.9	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
>=10000	26.7	54.6	57.6	60.3	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
>= 9000	26.9	55.0	58.0	60.6	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>= 8000	27.7	57.2	60.3	63.0	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
>= 7000	27.8	57.9	61.0	63.6	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>= 6000	27.8	58.1	61.2	63.9	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>= 5000	28.7	59.5	62.6	65.4	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
>= 4500	29.1	60.5	63.6	66.4	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
>= 4000	30.6	63.4	66.6	69.4	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
>= 3500	31.3	65.8	69.2	72.0	73.3	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 3000	32.3	69.2	72.7	75.7	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>= 2500	33.0	70.8	74.5	77.5	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>= 2000	34.0	72.8	76.7	79.8	81.4	81.5	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
>= 1800	34.4	73.3	77.2	80.3	81.9	82.0	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>= 1500	34.6	75.0	79.0	82.5	84.7	84.9	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
>= 1200	34.7	76.1	80.3	83.9	86.3	86.6	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
>= 1000	34.7	76.4	80.9	84.8	87.4	87.8	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
>= 900	34.7	76.9	81.4	85.5	88.2	88.7	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>= 800	34.8	77.1	81.8	86.1	89.0	89.8	90.5	90.8	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.5
>= 700	34.8	77.5	82.5	87.0	90.0	90.9	91.9	92.5	92.7	93.0	93.2	93.2	93.2	93.2	93.2	93.2
>= 600	34.8	77.9	83.1	87.6	90.8	91.7	92.9	93.7	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8
>= 500	34.8	78.0	83.3	87.8	91.2	92.5	94.1	95.0	95.4	96.1	96.5	96.5	96.5	96.5	96.5	96.5
>= 400	34.8	78.1	83.4	87.9	91.6	93.0	95.1	96.5	96.9	97.7	98.2	98.2	98.3	98.3	98.3	98.3
>= 300	34.8	78.1	83.4	87.9	91.6	93.0	95.1	96.6	97.2	98.3	99.1	99.2	99.5	99.5	99.6	99.6
>= 200	34.8	78.1	83.4	87.9	91.6	93.0	95.1	96.6	97.2	98.5	99.2	99.3	99.7	99.7	99.8	99.8
>= 100	34.8	78.1	83.4	87.9	91.6	93.0	95.1	96.7	97.3	98.7	99.4	99.5	99.9	99.9	100.0	100.0
>= 0	34.8	78.1	83.4	87.9	91.6	93.0	95.1	96.7	97.3	98.7	99.4	99.5	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 968

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.4	51.2	53.6	54.4	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
>=20000	26.0	54.7	57.3	58.2	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
>=18000	26.0	54.9	57.5	58.4	58.9	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
>=16000	26.2	55.1	57.7	58.6	59.1	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>=14000	26.6	55.7	58.3	59.1	59.6	59.6	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
>=12000	27.6	57.6	60.5	61.4	62.0	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
>=10000	28.9	60.7	63.8	64.8	65.6	65.8	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
>= 9000	28.9	61.2	64.3	65.3	66.1	66.4	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
>= 8000	30.3	64.2	67.7	68.7	69.6	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
>= 7000	30.5	65.1	68.6	69.9	70.7	70.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>= 6000	30.6	65.5	69.1	70.3	71.1	71.3	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>= 5000	31.6	67.3	70.8	72.1	72.9	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
>= 4500	31.7	67.8	71.3	72.7	73.5	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
>= 4000	33.4	71.2	74.8	76.3	77.2	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
>= 3500	33.5	72.5	76.1	77.7	78.6	78.8	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>= 3000	34.2	74.2	78.1	79.9	81.1	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
>= 2500	34.7	75.6	79.5	81.4	83.0	83.2	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
>= 2000	34.9	76.5	80.5	82.3	84.0	84.3	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
>= 1800	35.1	76.9	80.9	82.8	84.4	84.7	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
>= 1500	35.4	77.9	82.2	84.3	86.2	86.5	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
>= 1200	35.6	78.4	83.2	85.3	87.1	87.5	88.0	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
>= 1000	35.7	79.4	84.3	86.7	88.7	89.2	89.6	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
>= 900	35.7	79.8	84.7	87.1	89.1	89.6	90.0	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
>= 800	35.8	80.3	85.4	87.7	89.8	90.4	91.0	91.5	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1
>= 700	35.8	80.4	85.7	88.1	90.1	91.0	91.5	92.0	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
>= 600	35.8	80.5	86.0	88.4	90.6	91.4	92.0	92.9	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>= 500	35.8	80.6	86.2	88.7	91.1	92.0	92.7	94.2	94.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5
>= 400	35.8	80.7	86.3	89.0	91.8	92.7	93.8	95.5	96.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8
>= 300	35.8	80.7	86.3	89.0	91.8	92.7	94.0	96.0	97.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8
>= 200	35.8	80.8	86.4	89.1	91.9	92.8	94.1	96.1	97.3	98.8	99.1	99.2	99.4	99.4	99.4	99.5
>= 100	35.8	80.8	86.4	89.1	91.9	92.8	94.1	96.1	97.3	98.8	99.1	99.2	99.5	99.5	99.8	100.0
>= 0	35.8	80.8	86.4	89.1	91.9	92.8	94.1	96.1	97.3	98.8	99.1	99.2	99.5	99.5	99.8	100.0

TOTAL NO. OF OBS : 963

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP
CLASS : ALL WEATHER — HOUR : 1900 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.4	49.7	52.2	54.3	55.9	56.7	57.0	57.0	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4
>=20000	24.4	52.4	55.0	57.3	59.0	59.9	60.3	60.3	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7
>=18000	24.4	52.4	55.0	57.3	59.0	59.9	60.3	60.3	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7
>=16000	24.5	52.5	55.1	57.4	59.1	60.0	60.4	60.4	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8
>=14000	24.8	53.1	55.6	57.9	59.6	60.5	60.9	60.9	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3
>=12000	25.9	55.1	57.9	60.3	62.0	62.9	63.3	63.3	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7
>=10000	27.4	58.8	61.8	64.4	66.2	67.3	67.8	67.9	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>= 9000	27.5	59.2	62.3	64.9	66.7	67.8	68.3	68.4	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8
>= 8000	27.7	61.0	64.1	66.7	68.8	69.8	70.4	70.5	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0
>= 7000	27.8	62.0	65.1	67.7	69.7	70.8	71.3	71.4	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>= 6000	28.1	63.1	66.3	69.1	71.3	72.3	72.8	73.0	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5
>= 5000	28.7	64.8	68.4	71.2	73.5	74.5	75.1	75.3	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>= 4500	29.1	65.6	69.2	72.0	74.3	75.3	76.0	76.2	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>= 4000	29.9	67.6	71.7	74.7	77.2	78.2	78.9	79.1	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6
>= 3500	30.1	68.0	72.1	75.3	77.8	78.9	79.6	79.8	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3
>= 3000	30.1	68.7	73.0	76.4	78.9	79.9	80.7	80.9	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>= 2500	30.4	69.5	74.0	77.4	80.0	81.1	82.0	82.2	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7
>= 2000	30.7	70.4	75.1	78.7	81.5	82.6	83.5	83.7	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2
>= 1800	30.7	70.5	75.2	78.8	81.6	82.7	83.6	83.8	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4
>= 1500	30.8	71.4	76.2	80.0	82.9	84.1	85.2	85.5	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>= 1200	30.9	72.0	76.9	80.8	83.7	85.1	86.3	86.6	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3
>= 1000	31.0	72.6	77.7	81.7	84.9	86.2	87.6	87.9	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>= 900	31.2	73.0	78.0	82.0	85.3	86.7	88.2	88.5	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1
>= 800	31.2	73.2	78.3	82.7	86.1	87.7	89.2	89.7	89.8	90.5	90.5	90.5	90.5	90.5	90.5	90.5
>= 700	31.2	73.4	78.7	83.2	86.7	88.3	89.8	90.6	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
>= 600	31.2	73.5	79.0	83.6	87.5	89.1	91.1	91.8	91.9	92.5	92.6	92.6	92.6	92.6	92.6	92.6
>= 500	31.2	73.6	79.2	83.8	87.8	89.4	91.8	92.5	92.7	93.4	93.6	93.6	93.8	93.8	93.8	93.8
>= 400	31.2	73.6	79.2	84.0	88.2	89.9	92.5	93.9	94.2	94.8	95.1	95.1	95.3	95.3	95.3	95.3
>= 300	31.2	73.6	79.2	84.0	88.2	90.1	93.1	94.9	95.2	96.6	97.0	97.0	97.4	97.4	97.4	97.4
>= 200	31.2	73.6	79.2	84.0	88.3	90.2	93.2	95.1	95.4	97.1	97.7	97.7	98.4	98.5	98.5	98.5
>= 100	31.2	73.6	79.2	84.0	88.3	90.2	93.2	95.1	95.4	97.1	97.7	97.7	98.4	98.7	99.3	99.8
>= 0	31.2	73.6	79.2	84.0	88.3	90.2	93.2	95.1	95.4	97.1	97.7	97.7	98.4	98.7	99.3	100.0

TOTAL NO. OF OBS : 965

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP
CLASS : ALL WEATHER — HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES) >=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	16.3	47.7	49.9	51.9	53.6	53.8	54.6	55.0	55.1	55.6	55.8	55.8	56.2	56.2	56.3	56.3
>=20000	16.4	50.3	53.5	55.5	57.1	57.3	58.2	58.6	58.7	59.2	59.5	59.5	59.8	59.8	60.0	60.0
>=18000	16.4	50.3	53.5	55.6	57.2	57.5	58.3	58.7	58.8	59.3	59.6	59.6	60.0	60.0	60.1	60.1
>=16000	16.4	50.3	53.5	55.6	57.2	57.5	58.3	58.7	58.8	59.3	59.6	59.6	60.0	60.0	60.1	60.1
>=14000	16.6	50.4	53.7	55.8	57.5	57.7	58.6	59.0	59.1	59.6	59.8	59.8	60.2	60.2	60.4	60.4
>=12000	16.8	51.6	54.8	57.1	58.7	59.1	60.0	60.4	60.5	61.0	61.2	61.2	61.6	61.6	61.7	61.7
>=10000	17.9	54.5	57.8	60.4	62.1	62.6	63.5	63.9	64.0	64.5	64.7	64.7	65.1	65.1	65.2	65.2
>= 9000	18.1	54.8	58.3	60.9	62.6	63.1	64.0	64.4	64.5	65.0	65.2	65.2	65.6	65.6	65.7	65.7
>= 8000	18.9	58.3	62.0	64.5	66.5	67.1	68.0	68.4	68.5	69.0	69.3	69.3	69.6	69.6	69.8	69.8
>= 7000	19.3	59.8	63.6	66.1	68.1	68.8	69.8	70.1	70.3	70.8	71.0	71.0	71.4	71.4	71.5	71.5
>= 6000	19.6	60.9	65.1	67.8	69.8	70.4	71.4	71.8	71.9	72.4	72.6	72.6	73.0	73.0	73.1	73.1
>= 5000	19.7	62.5	67.3	70.0	72.1	72.8	73.8	74.2	74.3	74.8	75.0	75.0	75.4	75.4	75.5	75.5
>= 4500	19.8	63.1	68.0	70.9	73.1	73.8	74.8	75.2	75.3	75.8	76.0	76.0	76.4	76.4	76.5	76.5
>= 4000	20.2	64.2	69.5	72.4	74.8	75.4	76.4	76.8	76.9	77.4	77.7	77.7	78.0	78.0	78.2	78.2
>= 3500	20.5	65.2	70.6	73.5	76.0	76.7	77.7	78.0	78.2	78.7	78.9	78.9	79.3	79.3	79.4	79.4
>= 3000	20.6	66.4	72.0	74.9	77.4	78.0	79.2	79.5	79.7	80.2	80.4	80.4	80.8	80.8	80.9	80.9
>= 2500	20.6	67.3	73.0	75.9	78.5	79.2	80.3	80.7	80.8	81.3	81.6	81.6	81.9	81.9	82.1	82.1
>= 2000	20.8	68.0	74.0	77.2	80.2	80.8	82.1	82.4	82.6	83.1	83.3	83.3	83.7	83.7	83.8	83.8
>= 1800	20.8	68.5	74.5	77.7	80.7	81.3	82.6	82.9	83.1	83.6	83.8	83.8	84.2	84.2	84.3	84.3
>= 1500	21.0	69.1	75.2	78.5	81.8	82.4	83.7	84.1	84.2	84.8	85.1	85.1	85.4	85.4	85.6	85.6
>= 1200	21.1	69.5	75.7	79.0	82.3	82.9	84.3	84.7	84.8	85.4	85.7	85.7	86.1	86.1	86.2	86.2
>= 1000	21.1	70.1	76.3	79.8	83.4	84.1	85.4	85.9	86.1	86.7	87.0	87.0	87.3	87.3	87.5	87.5
>= 900	21.1	70.1	76.3	79.8	83.4	84.2	85.7	86.2	86.3	87.0	87.2	87.2	87.6	87.6	87.7	87.7
>= 800	21.1	70.6	77.2	80.7	84.4	85.3	87.0	87.6	87.7	88.3	88.6	88.6	89.0	89.0	89.1	89.1
>= 700	21.1	71.0	77.9	81.4	85.3	86.2	87.8	88.7	88.8	89.5	89.7	89.7	90.1	90.1	90.2	90.2
>= 600	21.1	71.3	78.4	82.3	86.2	87.2	89.1	90.0	90.1	90.7	91.0	91.0	91.3	91.3	91.5	91.5
>= 500	21.1	71.6	78.9	82.8	87.3	88.3	90.5	91.5	91.7	92.6	92.8	92.8	93.2	93.2	93.4	93.4
>= 400	21.1	71.9	79.2	83.4	88.5	89.6	92.0	93.1	93.4	94.4	94.6	94.6	95.0	95.0	95.2	95.2
>= 300	21.1	71.9	79.2	83.4	88.7	89.8	92.3	93.7	94.0	95.1	95.7	95.7	96.2	96.2	96.5	96.5
>= 200	21.1	72.0	79.3	83.6	88.8	90.1	92.6	94.2	94.6	96.1	96.7	96.7	97.2	97.2	97.9	97.9
>= 100	21.1	72.0	79.3	83.6	88.8	90.1	92.6	94.2	94.6	96.4	97.0	97.0	97.9	97.9	98.6	99.4
>= 0	21.1	72.0	79.3	83.6	88.8	90.1	92.6	94.2	94.6	96.4	97.0	97.0	97.9	97.9	98.7	100.0

TOTAL NO. OF OBS : 797

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP
CLASS : ALL WEATHER — HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES) >=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.8	45.7	48.5	50.5	52.1	52.5	53.1	53.4	53.5	53.9	54.1	54.1	54.2	54.3	54.3	54.5
>=20000	20.1	47.9	51.0	53.2	54.8	55.2	56.0	56.2	56.4	56.8	57.0	57.0	57.2	57.2	57.3	57.4
>=18000	20.1	48.0	51.1	53.3	54.9	55.3	56.1	56.4	56.5	56.9	57.1	57.1	57.3	57.3	57.4	57.6
>=16000	20.1	48.0	51.1	53.3	55.0	55.4	56.2	56.4	56.6	57.0	57.2	57.2	57.4	57.4	57.5	57.6
>=14000	20.5	48.6	51.7	54.0	55.7	56.1	56.8	57.1	57.2	57.7	57.8	57.9	58.0	58.1	58.2	58.3
>=12000	21.3	50.2	53.5	55.7	57.5	57.9	58.7	59.0	59.1	59.5	59.7	59.7	59.9	59.9	60.0	60.2
>=10000	22.2	53.1	56.6	59.2	61.1	61.6	62.4	62.7	62.8	63.3	63.5	63.5	63.7	63.7	63.8	64.0
>= 9000	22.3	53.5	57.0	59.6	61.5	62.0	62.8	63.2	63.3	63.7	63.9	63.9	64.1	64.1	64.2	64.4
>= 8000	22.9	55.7	59.5	62.1	64.2	64.7	65.5	65.9	66.0	66.5	66.7	66.7	66.9	66.9	67.0	67.2
>= 7000	23.2	56.7	60.5	63.1	65.3	65.8	66.7	67.1	67.2	67.7	67.9	67.9	68.1	68.1	68.2	68.4
>= 6000	23.4	57.6	61.5	64.2	66.5	67.0	67.9	68.3	68.4	68.9	69.1	69.1	69.3	69.3	69.4	69.6
>= 5000	23.9	59.1	63.1	66.0	68.3	68.9	69.8	70.2	70.3	70.8	71.0	71.0	71.2	71.2	71.3	71.5
>= 4500	24.2	59.8	63.8	66.7	69.1	69.6	70.5	70.9	71.1	71.5	71.8	71.8	72.0	72.0	72.1	72.3
>= 4000	24.8	61.4	65.7	68.6	71.0	71.6	72.5	72.9	73.1	73.5	73.8	73.8	74.0	74.0	74.1	74.3
>= 3500	25.0	62.3	66.6	69.7	72.1	72.7	73.7	74.0	74.2	74.7	74.9	74.9	75.1	75.1	75.2	75.4
>= 3000	25.5	63.9	68.4	71.6	74.1	74.7	75.8	76.1	76.3	76.8	77.0	77.0	77.2	77.2	77.3	77.5
>= 2500	25.8	64.9	69.6	72.9	75.6	76.2	77.2	77.6	77.8	78.3	78.5	78.5	78.7	78.7	78.8	79.0
>= 2000	26.3	66.1	71.0	74.3	77.2	77.9	78.9	79.3	79.5	80.0	80.2	80.2	80.4	80.5	80.6	80.7
>= 1800	26.4	66.5	71.4	74.7	77.6	78.3	79.4	79.8	79.9	80.4	80.6	80.7	80.9	80.9	81.0	81.1
>= 1500	26.6	67.5	72.5	76.1	79.3	80.0	81.2	81.7	81.8	82.4	82.6	82.6	82.8	82.8	82.9	83.1
>= 1200	26.8	68.1	73.3	77.0	80.3	81.1	82.3	82.8	83.0	83.6	83.8	83.8	84.0	84.0	84.1	84.3
>= 1000	26.8	68.9	74.3	78.2	81.8	82.6	84.0	84.6	84.7	85.3	85.6	85.6	85.8	85.8	85.9	86.1
>= 900	26.9	69.1	74.5	78.5	82.1	83.1	84.5	85.0	85.2	85.8	86.1	86.1	86.3	86.3	86.4	86.6
>= 800	27.0	69.6	75.3	79.4	83.3	84.3	85.9	86.6	86.8	87.5	87.8	87.8	88.0	88.0	88.1	88.3
>= 700	27.0	69.9	75.7	80.0	84.0	85.1	86.8	87.6	87.9	88.6	88.9	89.0	89.2	89.2	89.3	89.5
>= 600	27.0	70.0	76.0	80.4	84.7	85.9	87.8	88.8	89.1	90.0	90.4	90.4	90.6	90.6	90.7	90.9
>= 500	27.0	70.2	76.3	80.9	85.6	86.9	89.2	90.4	90.8	91.9	92.3	92.4	92.6	92.6	92.7	92.9
>= 400	27.0	70.4	76.5	81.3	86.2	87.6	90.4	91.9	92.4	93.7	94.3	94.3	94.6	94.7	94.8	95.0
>= 300	27.0	70.4	76.6	81.4	86.4	87.9	90.8	92.7	93.3	95.1	95.9	96.0	96.4	96.5	96.6	96.8
>= 200	27.0	70.5	76.7	81.4	86.5	88.0	91.0	93.0	93.6	95.6	96.6	96.6	97.4	97.4	97.8	98.1
>= 100	27.0	70.5	76.7	81.4	86.5	88.0	91.0	93.0	93.6	95.7	96.7	96.7	97.7	97.8	98.6	99.4
>= 0	27.0	70.5	76.7	81.4	86.5	88.0	91.0	93.0	93.6	95.7	96.7	96.8	97.7	97.8	98.6	100.0

TOTAL NO. OF OBS : 7193

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : OCT
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	2.2	1.2	1.5	.5	.0	.0	.0	.0	.0	.0	.0	5.5	5.6
NNE	1.0	.7	.9	.5	.2	.0	.0	.0	.0	.0	.0	3.3	7.5
NE	.6	1.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.7	5.7
ENE	.4	.5	.4	.4	.4	.1	.0	.0	.0	.0	.0	2.1	10.0
E	.5	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.5	5.3
ESE	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.6	4.6
SE	.5	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.6	4.6
SSE	1.1	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	2.1	4.6
S	3.7	2.9	1.2	.2	.0	.0	.0	.0	.0	.0	.0	8.1	4.5
SSW	3.3	4.2	2.2	.6	.1	.0	.0	.0	.0	.0	.0	10.5	5.5
SW	1.9	2.7	1.9	.6	.0	.0	.0	.0	.0	.0	.0	7.1	5.9
WSW	1.9	1.6	1.2	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.7
W	1.9	3.2	2.2	.2	.0	.0	.0	.0	.0	.0	.0	7.6	5.4
WNW	1.1	2.0	1.4	.1	.0	.0	.0	.0	.0	.0	.0	4.6	5.4
NW	1.1	2.2	2.2	.6	.0	.0	.0	.0	.0	.0	.0	6.2	6.2
NNW	.6	2.0	1.0	1.1	.1	.0	.0	.0	.0	.0	.0	4.8	7.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27.0	.0
ALL	22.3	26.8	17.2	5.6	1.0	.1	.0	.0	.0	.0	.0	100.0	4.2

TOTAL NO. OF OBS : 807

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : OCT
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	3.0	1.7	.5	.0	.0	.0	.0	.0	.0	.0	6.4	6.1
NNE	.4	.7	.9	.4	.2	.0	.0	.0	.0	.0	.0	2.6	8.2
NE	.2	.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.7	6.6
ENE	1.0	.9	.9	.2	.1	.0	.0	.0	.0	.0	.0	3.1	6.2
E	.5	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.4	4.8
ESE	.2	.2	.1	.0	.1	.1	.0	.0	.0	.0	.0	.9	9.4
SE	.6	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.1	4.8
SSE	1.2	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.4	3.8
S	4.3	2.6	.9	.1	.0	.0	.0	.0	.0	.0	.0	7.9	3.7
SSW	2.0	2.7	2.0	.2	.0	.0	.0	.0	.0	.0	.0	6.9	5.3
SW	.6	3.0	1.6	.6	.1	.0	.0	.0	.0	.0	.0	5.9	6.8
WSW	1.0	2.6	1.5	.2	.0	.0	.0	.0	.0	.0	.0	5.3	5.7
W	2.5	4.5	1.7	.1	.0	.0	.0	.0	.0	.0	.0	8.8	4.8
WNW	1.2	1.7	.7	.1	.0	.0	.0	.0	.0	.0	.0	3.8	5.3
NW	2.5	2.2	2.4	1.0	.0	.0	.0	.0	.0	.0	.0	8.1	6.1
NNW	.9	1.7	1.5	.9	.1	.0	.0	.0	.0	.0	.0	5.1	7.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28.5	.0
ALL	20.4	28.3	16.9	5.1	.7	.1	.0	.0	.0	.0	.0	100.0	4.0

TOTAL NO. OF OBS : 807

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : OCT
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.7	2.8	1.5	.8	.1	.1	.0	.0	.0	.0	.0	6.0	7.1
NNE	1.0	1.1	1.7	.7	.1	.0	.0	.0	.0	.0	.0	4.5	7.5
NE	.6	1.1	.9	.5	.3	.0	.0	.0	.0	.0	.0	3.3	8.1
ENE	.2	1.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	1.7	6.5
E	1.1	.4	.2	.2	.0	.1	.0	.0	.0	.0	.0	2.0	5.5
ESE	.2	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.7
SE	.4	.5	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.3	6.3
SSE	.5	1.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.4	4.9
S	3.2	2.9	.8	.4	.0	.0	.0	.0	.0	.0	.0	7.3	4.4
SSW	2.1	3.0	2.8	.2	.1	.0	.0	.0	.0	.0	.0	8.2	5.8
SW	1.4	1.9	2.2	.4	.0	.0	.0	.0	.0	.0	.0	5.9	6.3
WSW	1.8	2.3	1.3	.6	.0	.0	.0	.0	.0	.0	.0	6.0	5.7
W	1.8	3.3	2.7	.2	.0	.0	.0	.0	.0	.0	.0	8.0	5.7
WNW	1.3	2.6	2.2	.5	.0	.0	.0	.0	.0	.0	.0	6.6	6.2
NW	2.7	3.0	2.4	.9	.1	.0	.0	.0	.0	.0	.0	9.2	6.2
NNW	1.8	1.7	1.4	1.3	.1	.0	.0	.0	.0	.0	.0	6.2	6.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.6	.0
ALL	20.5	29.3	21.4	7.0	.9	.2	.0	.0	.0	.0	.0	100.0	4.9

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : OCT
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.5	2.5	3.6	1.3	.3	.0	.0	.0	.0	.0	.0	8.2	8.0
NNE	.8	2.1	3.3	1.3	.4	.2	.0	.0	.0	.0	.0	8.0	8.7
NE	.5	1.2	2.1	1.1	.1	.0	.0	.0	.0	.0	.0	4.9	8.7
ENE	.6	.9	1.2	.2	.1	.1	.0	.0	.0	.0	.0	3.0	7.2
E	.3	1.3	1.2	.7	.0	.1	.0	.0	.0	.0	.0	3.5	7.9
ESE	.3	1.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	2.2	6.3
SE	.7	1.1	.2	.4	.0	.0	.0	.0	.0	.0	.0	2.3	5.8
SSE	.6	1.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.3
S	1.1	2.7	1.8	1.5	.0	.0	.0	.0	.0	.0	.0	7.0	7.0
SSW	1.0	2.3	4.0	1.6	.2	.0	.0	.0	.0	.0	.0	9.1	8.0
SW	.9	2.2	3.3	.9	.2	.0	.0	.0	.0	.0	.0	7.4	7.9
WSW	.4	1.4	2.3	1.7	.3	.0	.0	.0	.0	.0	.0	6.0	8.8
W	.9	2.3	3.0	1.8	.3	.0	.0	.0	.0	.0	.0	8.3	8.2
WNW	.6	1.7	3.6	2.8	.1	.0	.0	.0	.0	.0	.0	8.8	9.0
NW	.4	1.2	2.3	2.6	.5	.0	.0	.0	.0	.0	.0	7.0	10.1
NNW	.8	1.6	2.9	1.6	.7	.0	.0	.0	.0	.0	.0	7.5	8.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	.0
ALL	10.2	26.6	36.2	19.3	3.2	.4	.0	.0	.0	.0	.0	100.0	7.9

TOTAL NO. OF OBS : 1022

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : OCT
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.7	2.8	1.5	.4	.1	.1	.0	.0	.0	.0	.0	5.6	7.0
NNE	.6	2.3	2.6	1.7	.6	.0	.0	.0	.0	.0	.0	7.8	9.1
NE	.5	1.7	2.2	1.1	.7	.0	.0	.0	.0	.0	.0	6.2	9.3
ENE	.9	1.8	1.8	.7	.2	.0	.0	.0	.0	.0	.0	5.3	7.4
E	.9	1.3	.9	.5	.0	.0	.0	.0	.0	.0	.0	3.5	6.4
ESE	.3	1.1	.4	.5	.0	.0	.0	.0	.0	.0	.0	2.2	6.7
SE	.2	.4	.4	.0	.1	.0	.0	.0	.0	.0	.0	1.1	7.2
SSE	.2	1.0	.8	.5	.0	.0	.0	.0	.0	.0	.0	2.4	7.3
S	.8	2.8	2.4	1.8	.1	.0	.0	.0	.0	.0	.0	7.9	7.8
SSW	.9	1.0	5.1	2.2	.5	.0	.0	.0	.0	.0	.0	9.7	9.1
SW	.7	2.2	3.4	1.5	.2	.0	.0	.0	.0	.0	.0	8.0	8.2
WSW	.8	1.6	3.0	1.9	.3	.0	.0	.0	.0	.0	.0	7.5	8.9
W	.6	1.7	4.2	2.5	.2	.0	.0	.0	.0	.0	.0	9.2	9.0
WNW	.3	1.3	3.8	3.1	.3	.0	.0	.0	.0	.0	.0	8.8	10.0
NW	.6	1.1	2.7	2.7	.0	.0	.0	.0	.0	.0	.0	7.1	9.2
NNW	.3	1.6	1.8	1.5	.2	.1	.0	.0	.0	.0	.0	5.4	9.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	.0
ALL	9.1	25.5	37.0	22.5	3.4	.2	.0	.0	.0	.0	.0	100.0	8.4

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : OCT
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.5	1.3	1.4	.5	.1	.0	.0	.0	.0	.0	.0	3.7	7.3
NNE	.4	1.7	1.5	.6	.4	.1	.0	.0	.0	.0	.0	4.6	8.7
NE	1.0	1.9	1.9	1.1	.2	.0	.0	.0	.0	.0	.0	6.0	7.8
ENE	1.8	2.3	1.6	.8	.1	.1	.0	.0	.0	.0	.0	6.6	6.4
E	1.7	2.6	2.1	.4	.0	.0	.0	.0	.0	.0	.0	6.7	5.8
ESE	1.2	2.2	1.1	.2	.0	.1	.0	.0	.0	.0	.0	4.7	5.7
SE	.9	1.2	1.0	.3	.1	.0	.0	.0	.0	.0	.0	3.4	6.4
SSE	.4	.7	.2	.0	.1	.0	.0	.0	.0	.0	.0	1.4	5.9
S	.7	2.9	3.3	1.9	.0	.2	.0	.0	.0	.0	.0	9.0	8.3
SSW	.9	2.6	5.2	1.8	.1	.0	.0	.0	.0	.0	.0	10.6	8.0
SW	.9	1.7	2.4	.5	.2	.1	.0	.0	.0	.0	.0	5.8	7.7
WSW	.4	2.1	2.2	.8	.0	.0	.0	.0	.0	.0	.0	5.4	7.4
W	1.7	2.7	4.2	1.8	.1	.0	.0	.0	.0	.0	.0	10.5	7.4
WNW	.8	2.0	3.1	2.2	.1	.1	.0	.0	.0	.0	.0	8.2	8.6
NW	.2	1.2	3.5	1.9	.4	.0	.0	.0	.0	.0	.0	7.1	9.7
NNW	.5	1.0	1.4	1.0	.1	.0	.0	.0	.0	.0	.0	3.9	8.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	.0
ALL	13.7	29.9	35.9	15.4	2.0	.7	.0	.0	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : OCT
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.7	1.0	1.2	.3	.0	.0	.0	.0	.0	.0	.0	3.1	6.3
NNE	.5	.9	1.0	.8	.5	.1	.0	.0	.0	.0	.0	3.7	9.5
NE	.8	.9	1.0	1.1	.2	.0	.0	.0	.0	.0	.0	3.9	8.2
ENE	.5	.8	1.2	.1	.0	.0	.0	.0	.0	.0	.0	2.5	6.1
E	1.1	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.8	4.3
ESE	.6	.4	.4	.1	.0	.1	.0	.0	.0	.0	.0	1.6	6.6
SE	1.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	2.2	4.2
SSE	1.6	1.3	.9	.1	.2	.0	.0	.0	.0	.0	.0	3.9	5.5
S	4.3	6.5	2.4	.6	.0	.0	.0	.0	.0	.0	.0	13.7	4.9
SSW	1.9	4.9	2.8	1.1	.0	.0	.0	.0	.0	.0	.0	10.7	6.2
SW	1.6	2.1	2.0	.7	.1	.0	.0	.0	.0	.0	.0	6.4	6.5
WSW	1.2	1.4	1.1	.3	.1	.0	.0	.0	.0	.0	.0	4.0	6.2
W	2.8	2.3	1.9	.5	.0	.0	.0	.0	.0	.0	.0	7.4	5.1
WNW	.4	1.1	1.7	.4	.1	.0	.0	.0	.0	.0	.0	3.6	7.6
NW	.8	1.4	1.6	.6	.5	.0	.0	.0	.0	.0	.0	4.8	8.2
NNW	.8	.9	1.6	.8	.0	.0	.0	.0	.0	.0	.0	4.0	7.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22.6	.0
ALL	20.8	26.3	20.9	7.5	1.7	.2	.0	.0	.0	.0	.0	100.0	4.9

TOTAL NO. OF OBS : 1021

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014700 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : OCT
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.9	1.6	1.7	.9	.0	.0	.0	.0	.0	.0	.0	5.2	7.2
NNE	.5	.9	1.1	.6	.2	.0	.0	.0	.0	.0	.0	3.3	8.7
NE	.3	.2	.7	.2	.0	.0	.0	.0	.0	.0	.0	1.5	7.3
ENE	.8	1.1	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.5	5.7
E	.7	.2	.5	.2	.1	.1	.0	.0	.0	.0	.0	1.8	7.8
ESE	.1	.6	.1	.2	.0	.0	.0	.0	.0	.0	.0	1.0	6.7
SE	.6	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	1.5	6.2
SSE	.6	.9	.2	.0	.1	.0	.0	.0	.0	.0	.0	1.8	5.3
S	4.5	4.9	.9	.5	.0	.0	.0	.0	.0	.0	.0	10.8	4.4
SSW	2.3	3.9	2.9	.8	.1	.1	.0	.0	.0	.0	.0	10.1	6.2
SW	1.5	3.7	1.7	.3	.0	.0	.0	.0	.0	.0	.0	7.2	5.8
WSW	1.6	2.0	.8	.3	.0	.0	.0	.0	.0	.0	.0	4.7	5.3
W	1.6	3.2	2.0	.2	.0	.0	.0	.0	.0	.0	.0	7.0	5.4
WNW	.6	1.8	1.7	.1	.0	.0	.0	.0	.0	.0	.0	4.2	6.3
NW	1.0	1.7	1.8	1.0	.1	.0	.0	.0	.0	.0	.0	5.7	7.3
NNW	.9	1.4	1.5	.5	.2	.0	.0	.0	.0	.0	.0	4.5	7.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27.0	.0
ALL	18.5	28.6	18.4	6.3	1.0	.2	.0	.0	.0	.0	.0	100.0	4.5

TOTAL NO. OF OBS : 871

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

01479D : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : OCT
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.9	2.0	1.8	.6	.1	.0*	.0	.0	.0	.0	.0	5.4	7.0
NNE	.6	1.3	1.7	.8	.3	.1	.0	.0	.0	.0	.0	4.9	8.6
NE	.6	1.1	1.3	.7	.2	.0	.0	.0	.0	.0	.0	3.9	8.1
ENE	.8	1.2	1.0	.4	.1	.0*	.0	.0	.0	.0	.0	3.4	6.8
E	.9	.9	.7	.3	.0*	.0*	.0	.0	.0	.0	.0	2.9	6.2
ESE	.4	.8	.4	.1	.0*	.0*	.0	.0	.0	.0	.0	1.8	6.3
SE	.7	.6	.3	.2	.0*	.0	.0	.0	.0	.0	.0	1.8	5.7
SSE	.8	1.0	.5	.1	.1	.0	.0	.0	.0	.0	.0	2.4	5.4
S	2.7	3.6	1.8	.9	.0*	.0*	.0	.0	.0	.0	.0	9.0	5.6
SSW	1.7	3.1	3.5	1.1	.1	.0*	.0	.0	.0	.0	.0	9.5	6.9
SW	1.2	2.4	2.4	.7	.1	.0*	.0	.0	.0	.0	.0	6.7	7.0
WSW	1.1	1.8	1.7	.8	.1	.0	.0	.0	.0	.0	.0	5.5	6.9
W	1.7	2.8	2.8	1.0	.1	.0	.0	.0	.0	.0	.0	8.4	6.6
WNW	.8	1.8	2.4	1.3	.1	.0*	.0	.0	.0	.0	.0	6.2	7.9
NW	1.1	1.7	2.4	1.5	.2	.0	.0	.0	.0	.0	.0	6.9	7.9
NNW	.8	1.4	1.6	1.1	.2	.0*	.0	.0	.0	.0	.0	5.2	7.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.0	.0
ALL	16.7	27.7	26.1	11.5	1.8	.3	.0	.0	.0	.0	.0	100.0	5.9

TOTAL NO. OF OBS : 7597

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : OCT
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	16.3	47.7	50.3	51.9	53.4	53.5	54.7	55.4	55.8	56.3	56.5	56.5	57.3	57.3	57.8	57.8
>=20000	16.4	49.8	52.5	54.2	55.7	55.8	57.0	57.8	58.1	58.6	58.9	58.9	59.6	59.6	60.1	60.1
>=18000	16.4	49.8	52.5	54.2	55.7	55.8	57.0	57.8	58.1	58.6	58.9	58.9	59.6	59.6	60.1	60.1
>=16000	16.4	49.8	52.5	54.2	55.7	55.8	57.0	57.8	58.1	58.6	58.9	58.9	59.6	59.6	60.1	60.1
>=14000	16.5	50.1	52.8	5 .4	55.9	56.0	57.3	58.0	58.4	58.9	59.1	59.1	59.9	59.9	60.4	60.5
>=12000	16.9	50.9	53.7	55.3	56.8	56.9	58.1	58.9	59.3	59.8	60.0	60.0	60.7	60.7	61.2	61.4
>=10000	17.5	53.9	57.3	59.0	60.6	60.7	62.0	62.7	63.1	63.6	63.9	63.9	64.6	64.6	65.1	65.2
>= 9000	17.5	54.5	57.9	59.6	61.2	61.4	62.6	63.4	63.7	64.2	64.5	64.5	65.2	65.2	65.7	65.8
>= 8000	17.9	56.9	60.5	62.2	64.1	64.2	65.5	66.2	66.6	67.1	67.3	67.3	68.1	68.1	68.6	68.7
>= 7000	18.0	58.0	61.6	63.4	65.2	65.3	66.6	67.3	67.7	68.2	68.4	68.4	69.2	69.2	69.7	69.8
>= 6000	18.3	58.9	62.6	64.3	66.2	66.3	67.6	68.3	68.7	69.2	69.4	69.4	70.2	70.2	70.7	70.8
>= 5000	19.0	61.1	65.0	67.0	68.8	69.1	70.3	71.1	71.4	72.0	72.3	72.3	73.0	73.0	73.5	73.7
>= 4500	19.1	61.6	65.6	67.6	69.4	69.7	70.9	71.7	72.0	72.7	72.9	72.9	73.7	73.7	74.2	74.3
>= 4000	19.1	63.0	67.2	69.2	71.2	71.4	72.7	73.4	73.8	74.4	74.7	74.7	75.4	75.4	75.9	76.0
>= 3500	19.4	63.7	68.1	70.2	72.3	72.5	73.8	74.5	74.9	75.5	75.8	75.8	76.5	76.5	77.0	77.1
>= 3000	19.4	65.2	69.7	72.2	74.4	74.7	75.9	76.6	77.0	77.6	77.9	77.9	78.6	78.6	79.1	79.3
>= 2500	19.9	67.0	71.4	73.9	76.3	76.5	77.8	78.6	79.0	79.6	79.9	79.9	80.6	80.6	81.1	81.2
>= 2000	19.9	67.2	71.8	74.4	76.8	77.0	78.3	79.1	79.5	80.1	80.4	80.4	81.1	81.1	81.6	81.7
>= 1800	19.9	67.2	71.9	74.5	76.9	77.1	78.4	79.3	79.6	80.2	80.5	80.5	81.2	81.2	81.7	81.9
>= 1500	20.0	67.8	72.7	75.3	78.0	78.4	79.6	80.5	80.9	81.5	81.7	81.7	82.6	82.6	83.1	83.2
>= 1200	20.1	68.2	73.2	75.9	78.6	79.0	80.2	81.1	81.5	82.1	82.4	82.4	83.2	83.2	83.7	83.9
>= 1000	20.2	68.3	73.7	76.4	79.3	79.6	81.1	82.0	82.4	83.0	83.2	83.2	84.1	84.1	84.6	84.7
>= 900	20.2	68.6	73.9	76.9	79.9	80.2	81.7	82.7	83.1	83.7	84.0	84.0	84.8	84.8	85.3	85.5
>= 800	20.2	68.8	74.3	77.5	80.6	81.0	82.7	83.7	84.1	84.7	85.0	85.0	85.8	85.8	86.3	86.5
>= 700	20.2	69.1	74.5	77.9	81.0	81.4	83.2	84.2	84.6	85.2	85.5	85.5	86.3	86.3	86.8	87.0
>= 600	20.2	69.4	74.9	78.4	81.6	82.1	84.2	85.2	85.6	86.2	86.5	86.5	87.3	87.3	87.8	88.0
>= 500	20.2	69.6	75.0	79.4	82.9	83.4	85.7	86.8	87.2	88.4	88.7	88.7	89.6	89.6	90.1	90.2
>= 400	20.2	69.6	75.0	79.6	83.9	84.3	87.3	88.6	89.1	90.6	90.9	90.9	91.8	91.8	92.4	92.5
>= 300	20.2	69.6	75.2	79.8	84.2	84.8	88.0	89.3	89.8	91.6	92.3	92.3	93.4	93.4	94.0	94.3
>= 200	20.2	69.6	75.2	79.8	84.2	84.8	88.1	89.8	90.3	92.2	93.2	93.3	94.9	94.9	95.7	96.1
>= 100	20.2	69.6	75.2	79.8	84.2	84.8	88.1	89.8	90.3	92.2	93.2	93.4	95.2	95.2	96.4	97.5
>= 0	20.2	69.6	75.2	79.8	84.2	84.8	88.1	89.8	90.3	92.2	93.2	93.4	95.2	95.2	96.6	100.0

TOTAL NO. OF OBS : 805

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W FLEV. : 161 FT
MONTH : OCT
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	15.3	47.8	50.1	52.5	53.5	53.7	54.4	55.0	55.1	55.8	56.6	56.6	57.2	57.3	57.3	58.0
>=20000	15.4	48.9	51.4	54.1	55.1	55.3	56.0	56.6	56.7	57.5	58.2	58.2	58.8	59.0	59.0	59.6
>=18000	15.4	48.9	51.4	54.1	55.1	55.3	56.0	56.6	56.7	57.5	58.2	58.2	58.8	59.0	59.0	59.6
>=16000	15.4	48.9	51.4	54.1	55.1	55.3	56.0	56.6	56.7	57.5	58.2	58.2	58.8	59.0	59.0	59.6
>=14000	15.4	48.9	51.4	54.1	55.1	55.3	56.0	56.6	56.7	57.5	58.2	58.2	58.8	59.0	59.0	59.6
>=12000	15.7	49.6	52.1	55.0	56.0	56.2	57.0	57.6	57.7	58.6	59.3	59.3	60.0	60.1	60.1	60.7
>=10000	15.9	52.0	54.7	57.7	58.7	59.0	59.7	60.3	60.4	61.3	62.2	62.2	62.8	62.9	62.9	63.6
>= 9000	16.0	52.2	55.0	58.0	59.0	59.2	60.0	60.6	60.7	61.6	62.4	62.4	63.1	63.2	63.2	63.8
>= 8000	16.4	54.9	58.1	61.1	62.3	62.6	63.3	63.9	64.1	64.9	65.8	65.8	66.4	66.5	66.5	67.2
>= 7000	16.7	56.0	59.2	62.2	63.4	63.7	64.4	65.0	65.2	66.0	66.9	66.9	67.5	67.7	67.7	68.3
>= 6000	16.9	57.2	60.4	63.7	64.9	65.2	65.9	66.5	66.7	67.5	68.4	68.4	69.0	69.2	69.2	69.8
>= 5000	17.7	58.8	62.3	65.5	66.8	67.0	67.9	68.5	68.7	69.7	70.5	70.5	71.3	71.4	71.4	72.0
>= 4500	17.7	59.7	63.2	66.4	67.7	67.9	68.8	69.4	69.5	70.5	71.4	71.4	72.1	72.3	72.3	72.9
>= 4000	17.9	60.8	64.4	67.9	69.2	69.4	70.3	70.9	71.0	72.0	72.9	72.9	73.6	73.8	73.8	74.4
>= 3500	18.2	61.6	65.3	68.8	70.1	70.4	71.4	72.0	72.1	73.1	74.0	74.0	74.8	74.9	74.9	75.5
>= 3000	18.3	63.6	67.3	70.8	72.3	72.5	73.5	74.1	74.3	75.2	76.1	76.1	76.9	77.0	77.0	77.6
>= 2500	18.4	64.8	68.5	72.1	73.6	73.9	74.9	75.5	75.6	76.6	77.5	77.5	78.2	78.4	78.4	79.0
>= 2000	18.8	65.3	69.3	73.0	75.1	75.4	76.4	77.0	77.1	78.1	79.0	79.0	79.7	79.9	79.9	80.6
>= 1800	18.9	65.5	69.5	73.6	75.7	76.0	77.0	77.6	77.7	78.7	79.6	79.6	80.3	80.5	80.5	81.2
>= 1500	19.2	66.7	71.0	75.1	77.4	77.6	78.6	79.2	79.4	80.3	81.2	81.2	82.0	82.1	82.1	82.8
>= 1200	19.2	67.0	71.4	75.5	77.7	78.0	79.0	79.6	79.7	80.7	81.6	81.6	82.3	82.5	82.5	83.2
>= 1000	19.3	67.4	71.8	76.1	78.6	79.0	80.1	80.7	80.8	82.0	82.8	82.8	83.6	83.7	83.7	84.5
>= 900	19.3	67.7	72.4	76.7	79.2	79.6	80.7	81.3	81.5	82.6	83.5	83.5	84.2	84.3	84.3	85.1
>= 800	19.3	67.9	72.6	77.2	80.0	80.5	81.6	82.3	82.5	83.6	84.5	84.5	85.2	85.3	85.3	86.1
>= 700	19.3	68.0	72.8	77.6	80.6	81.1	82.2	83.0	83.1	84.2	85.1	85.1	85.8	85.9	85.9	86.7
>= 600	19.3	68.4	73.3	78.2	81.5	82.1	83.2	84.0	84.1	85.2	86.1	86.1	86.8	86.9	86.9	87.7
>= 500	19.3	68.4	73.4	78.6	82.3	83.2	84.6	85.3	85.4	86.6	87.4	87.4	88.2	88.3	88.3	89.1
>= 400	19.3	68.4	73.6	78.9	83.0	84.0	85.4	86.4	86.6	88.1	89.2	89.2	89.9	90.0	90.0	90.8
>= 300	19.3	68.4	73.8	79.4	83.6	84.6	86.3	87.4	87.6	89.3	90.7	90.7	91.8	91.9	92.0	92.8
>= 200	19.3	68.4	73.8	79.4	83.7	84.8	86.6	87.9	88.2	90.0	91.5	91.5	93.2	93.3	93.5	94.4
>= 100	19.3	68.4	73.8	79.4	84.0	85.1	86.8	88.2	88.4	90.4	91.9	91.9	93.7	93.8	94.4	96.5
>= 0	19.3	68.4	73.8	79.4	84.0	85.1	86.9	88.2	88.4	90.4	91.9	91.9	93.7	93.8	94.7	100.0

TOTAL NO. OF OBS : 804

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : OCT
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	16.3	40.1	42.7	44.2	45.9	46.9	48.0	49.2	49.3	50.0	50.3	50.3	50.7	50.7	51.0	52.1
>=20000	16.7	42.1	44.8	46.4	48.3	49.3	50.4	51.9	52.0	52.7	53.0	53.0	53.4	53.4	53.7	54.7
>=18000	16.8	42.2	44.9	46.5	48.4	49.4	50.5	52.0	52.1	52.8	53.1	53.1	53.5	53.5	53.8	54.8
>=16000	17.0	42.4	45.1	46.7	48.6	49.6	50.7	52.2	52.3	53.0	53.3	53.3	53.7	53.7	54.0	55.0
>=14000	17.2	42.6	45.3	46.9	48.8	49.9	51.0	52.5	52.6	53.3	53.6	53.6	54.0	54.0	54.2	55.4
>=12000	17.7	43.9	46.5	48.2	50.1	51.2	52.3	54.0	54.1	54.7	55.0	55.0	55.4	55.4	55.7	56.9
>=10000	18.1	46.2	49.0	51.2	53.1	54.2	55.3	57.0	57.1	58.0	58.6	58.6	59.0	59.0	59.4	60.6
>= 9000	18.1	46.5	49.3	51.5	53.4	54.4	55.6	57.3	57.4	58.3	58.9	58.9	59.3	59.3	59.7	60.9
>= 8000	19.1	48.8	51.8	54.1	56.0	57.2	58.6	60.3	60.4	61.3	62.0	62.0	62.4	62.4	62.7	63.9
>= 7000	19.6	50.1	53.4	55.6	57.6	58.8	60.3	62.1	62.2	63.0	63.7	63.7	64.1	64.1	64.5	65.7
>= 6000	19.9	51.3	54.7	57.0	59.0	60.2	61.7	63.5	63.6	64.6	65.4	65.4	65.8	65.8	66.2	67.4
>= 5000	20.7	53.2	56.7	59.2	61.3	62.5	63.9	65.8	65.9	66.9	67.7	67.7	68.1	68.1	68.5	69.7
>= 4500	20.8	53.7	57.2	59.7	61.8	62.9	64.4	66.3	66.5	67.5	68.3	68.3	68.7	68.7	69.1	70.3
>= 4000	21.3	55.1	58.8	61.5	63.5	64.7	66.2	68.1	68.3	69.4	70.2	70.2	70.6	70.6	70.9	72.1
>= 3500	21.5	55.8	59.6	62.3	64.4	65.6	67.1	69.1	69.3	70.4	71.1	71.1	71.5	71.5	71.9	73.1
>= 3000	22.2	57.3	61.3	63.9	66.2	67.4	68.9	70.8	71.1	72.2	73.0	73.0	73.4	73.4	73.8	75.0
>= 2500	22.9	59.1	63.0	65.9	68.2	69.6	71.1	73.1	73.4	74.6	75.4	75.4	75.8	75.8	76.2	77.4
>= 2000	23.2	60.3	64.2	67.1	69.4	70.8	72.4	74.4	74.7	75.9	76.8	76.8	77.2	77.2	77.6	78.8
>= 1800	23.4	60.7	64.6	67.5	69.8	71.2	72.8	74.8	75.1	76.3	77.2	77.2	77.6	77.6	78.0	79.2
>= 1500	23.6	61.4	65.7	68.6	71.0	72.5	74.2	76.3	76.6	77.9	78.8	78.8	79.2	79.2	79.5	80.7
>= 1200	23.9	62.1	66.5	69.4	71.8	73.3	75.0	77.1	77.4	78.7	79.5	79.5	79.9	79.9	80.3	81.5
>= 1000	24.0	62.6	67.5	70.4	73.1	74.9	76.6	78.7	79.1	80.4	81.4	81.4	81.8	81.8	82.2	83.5
>= 900	24.0	62.6	67.6	70.5	73.3	75.2	77.0	79.2	79.5	80.9	81.9	81.9	82.3	82.3	82.7	84.0
>= 800	24.1	62.9	68.0	70.9	74.0	75.9	78.2	80.4	80.8	82.2	83.2	83.2	83.6	83.6	84.0	85.3
>= 700	24.2	63.2	68.4	71.4	74.7	76.7	79.0	81.2	81.6	83.1	84.1	84.1	84.5	84.5	84.9	86.2
>= 600	24.3	63.6	68.8	71.8	75.3	77.4	80.0	82.3	82.7	84.3	85.3	85.3	85.7	85.7	86.1	87.4
>= 500	24.3	63.6	68.8	72.2	76.2	78.4	81.2	83.9	84.3	86.3	87.4	87.5	88.0	88.0	88.4	89.7
>= 400	24.3	63.6	68.8	72.3	76.3	78.5	81.5	84.9	85.5	87.5	88.8	88.9	89.6	89.6	90.0	91.3
>= 300	24.3	63.7	68.9	72.4	76.6	79.0	82.2	86.1	86.8	88.9	90.5	90.6	91.4	91.4	92.0	93.4
>= 200	24.3	63.7	68.9	72.4	76.6	79.0	82.2	86.5	87.4	89.6	91.7	91.9	93.1	93.4	94.2	95.8
>= 100	24.3	63.7	68.9	72.4	76.6	79.0	82.2	86.5	87.4	89.6	91.7	91.9	93.2	93.5	94.9	98.1
>= 0	24.3	63.7	68.9	72.4	76.6	79.0	82.2	86.5	87.4	89.6	91.7	91.9	93.2	93.5	95.0	100.0

TOTAL NO. OF OBS : 1012

2 - CEILING VS VISIBILITY

01479D : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : OCT
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.2	47.0	49.1	50.6	51.6	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
>=20000	21.5	49.2	51.3	53.0	54.0	54.4	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
>=18000	21.5	49.3	51.4	53.1	54.1	54.5	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
>=16000	21.5	49.3	51.4	53.1	54.1	54.5	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
>=14000	22.3	50.3	52.5	54.2	55.2	55.6	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
>=12000	22.8	51.9	54.3	56.0	57.0	57.4	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
>=10000	23.6	54.7	57.6	59.4	60.5	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
>= 9000	23.9	55.5	58.4	60.2	61.3	61.7	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
>= 8000	24.6	57.5	60.6	62.8	64.0	64.4	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
>= 7000	24.7	58.1	61.2	63.5	64.7	65.2	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
>= 6000	25.0	59.1	62.3	64.6	65.8	66.3	66.5	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
>= 5000	25.3	60.2	63.5	65.9	67.1	67.7	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3
>= 4500	26.0	61.3	64.6	67.0	68.3	68.9	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5
>= 4000	26.5	63.0	66.5	68.9	70.1	70.7	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
>= 3500	27.1	64.9	68.5	70.8	72.1	72.8	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
>= 3000	27.9	67.7	71.3	74.1	75.5	76.3	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
>= 2500	28.6	69.6	73.2	76.1	77.7	78.5	78.9	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
>= 2000	29.3	71.1	74.9	77.8	79.4	80.2	80.6	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
>= 1800	30.0	71.9	75.7	78.6	80.2	81.0	81.4	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
>= 1500	30.7	72.9	77.0	80.1	81.7	82.5	83.1	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7
>= 1200	31.0	73.7	77.9	81.3	83.0	83.8	84.5	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1
>= 1000	31.3	74.5	78.9	82.6	84.5	85.3	86.1	86.5	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9
>= 900	31.4	74.9	79.3	83.2	85.3	86.1	86.9	87.3	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7
>= 800	31.6	75.3	80.0	84.2	86.5	87.4	88.5	89.1	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7
>= 700	31.7	75.9	80.6	85.0	87.4	88.3	89.5	90.1	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8
>= 600	31.7	76.0	80.7	85.1	87.6	88.7	90.0	90.9	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7
>= 500	31.8	76.3	81.0	85.6	88.9	90.2	91.9	93.6	94.1	94.7	95.0	95.0	95.0	95.0	95.0	95.0
>= 400	31.8	76.3	81.0	85.6	89.0	90.3	92.8	94.7	95.3	96.4	96.7	96.7	96.8	96.8	96.8	96.8
>= 300	31.8	76.3	81.0	85.6	89.0	90.4	93.1	95.0	95.8	97.6	98.3	98.4	98.6	98.6	98.6	98.6
>= 200	31.8	76.3	81.0	85.6	89.0	90.4	93.1	95.0	95.8	97.7	98.5	98.6	98.9	99.0	99.5	99.5
>= 100	31.8	76.3	81.0	85.6	89.0	90.4	93.1	95.0	95.8	97.7	98.6	98.7	99.0	99.1	99.7	99.9
>= 0	31.8	76.3	81.0	85.6	89.0	90.4	93.1	95.0	95.8	97.7	98.6	98.7	99.0	99.1	99.7	100.0

TOTAL NO. OF OBS : 1005

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : OCT
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.3	49.0	50.7	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
>=20000	25.6	51.7	53.5	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
>=18000	25.7	51.8	53.6	54.7	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
>=16000	26.0	52.4	54.2	55.2	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
>=14000	26.6	53.2	55.0	56.0	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
>=12000	27.2	54.6	56.3	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
>=10000	27.8	56.6	58.6	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
>= 9000	28.0	56.9	59.0	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>= 8000	28.7	58.7	60.9	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
>= 7000	29.2	59.6	61.8	63.3	63.5	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
>= 6000	29.3	60.9	63.1	64.6	64.9	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
>= 5000	29.5	62.3	64.7	66.1	66.4	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
>= 4500	30.2	63.5	65.8	67.3	67.6	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
>= 4000	31.7	66.4	68.8	70.3	70.7	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
>= 3500	32.9	68.9	71.3	72.9	73.3	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
>= 3000	34.2	73.5	76.0	77.6	78.3	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
>= 2500	35.2	75.6	78.3	80.0	80.7	80.9	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>= 2000	35.9	77.3	80.1	82.0	82.8	83.0	83.1	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
>= 1800	36.0	77.7	80.7	82.6	83.4	83.6	83.7	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
>= 1500	36.7	79.6	82.9	84.9	85.8	86.2	86.3	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
>= 1200	36.9	80.1	83.5	85.6	87.2	87.6	87.7	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
>= 1000	37.1	81.1	84.5	86.8	88.6	89.3	89.6	90.0	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3
>= 900	37.3	81.4	84.9	87.3	89.2	90.0	90.3	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1
>= 800	37.4	81.9	85.3	87.8	89.9	90.8	91.1	91.7	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.1
>= 700	37.4	82.1	85.9	88.4	90.7	91.9	92.2	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3
>= 600	37.5	82.4	86.3	89.2	91.7	93.1	93.8	94.6	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0
>= 500	37.5	82.5	86.6	89.5	92.3	94.2	95.3	96.4	96.5	96.8	97.3	97.3	97.4	97.4	97.4	97.4
>= 400	37.6	82.6	86.7	89.6	92.4	94.3	95.5	97.1	97.4	97.8	98.4	98.4	98.6	98.6	98.6	98.6
>= 300	37.7	82.7	86.8	89.7	92.5	94.4	95.6	97.2	97.6	98.2	99.0	99.0	99.4	99.4	99.4	99.4
>= 200	37.7	82.7	86.8	89.7	92.5	94.4	95.6	97.2	97.6	98.2	99.3	99.3	99.9	99.9	99.9	99.9
>= 100	37.7	82.7	86.8	89.7	92.5	94.4	95.6	97.2	97.6	98.2	99.3	99.3	99.9	99.9	100.0	100.0
>= 0	37.7	82.7	86.8	89.7	92.5	94.4	95.6	97.2	97.6	98.2	99.3	99.3	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 1010

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : OCT
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

	VISIBILITY (STATUTE MILES)															
CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	27.3	53.3	54.0	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
>=20000	27.8	56.0	56.9	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
>=18000	28.0	56.2	57.1	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
>=16000	28.0	56.2	57.1	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
>=14000	29.0	57.5	58.5	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
>=12000	30.0	59.2	60.3	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>=10000	30.4	60.8	62.0	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
>= 9000	30.5	61.1	62.4	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
>= 8000	31.3	63.3	64.8	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
>= 7000	32.2	65.2	66.7	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
>= 6000	32.6	66.0	67.5	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>= 5000	32.9	68.1	69.7	70.4	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
>= 4500	33.8	69.2	70.8	71.5	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
>= 4000	34.9	72.1	73.8	74.7	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
>= 3500	35.7	73.9	75.7	76.6	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
>= 3000	36.7	76.2	78.1	79.1	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
>= 2500	37.3	78.4	80.5	81.5	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
>= 2000	38.1	79.6	81.9	83.1	83.5	84.0	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
>= 1800	38.2	79.9	82.2	83.4	84.0	84.5	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
>= 1500	38.5	81.4	83.9	85.4	86.1	86.6	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
>= 1200	38.7	82.0	84.5	86.0	86.7	87.2	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>= 1000	38.9	82.9	85.5	87.2	88.2	88.7	89.4	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>= 900	38.9	83.0	85.6	87.3	88.4	88.9	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
>= 800	38.9	83.5	86.3	88.3	89.5	90.1	91.1	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
>= 700	39.0	83.7	86.5	88.5	89.8	90.6	92.0	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
>= 600	39.1	84.1	86.9	89.1	90.4	91.3	93.0	93.3	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>= 500	39.1	84.3	87.2	89.6	91.0	92.1	94.1	94.7	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7
>= 400	39.1	84.3	87.2	89.6	91.1	92.2	94.7	95.8	96.8	97.1	97.6	97.6	97.7	97.7	97.7	97.7
>= 300	39.1	84.3	87.3	89.7	91.2	92.3	95.0	96.2	97.5	97.8	98.7	98.7	99.1	99.1	99.1	99.1
>= 200	39.1	84.3	87.3	89.7	91.2	92.3	95.0	96.2	97.6	98.1	99.0	99.0	99.5	99.5	99.5	99.5
>= 100	39.1	84.3	87.3	89.7	91.2	92.3	95.0	96.2	97.6	98.1	99.0	99.1	99.7	99.7	99.8	99.9
>= 0	39.1	84.3	87.3	89.7	91.2	92.3	95.0	96.2	97.6	98.1	99.0	99.1	99.7	99.7	99.8	100.0

TOTAL NO. OF OBS : 996

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : OCT
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.9	54.0	55.7	56.8	57.4	57.5	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
>=20000	26.0	56.3	58.2	59.5	60.1	60.2	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5
>=18000	26.1	56.4	58.3	59.6	60.2	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>=16000	26.1	56.4	58.3	59.6	60.2	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>=14000	26.5	57.1	59.0	60.4	61.0	61.1	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=12000	27.2	57.9	60.0	61.4	62.1	62.2	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
>=10000	28.2	60.6	62.8	64.2	64.9	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
>= 9000	28.2	60.8	63.0	64.4	65.1	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
>= 8000	29.7	64.2	66.5	68.1	68.8	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>= 7000	30.3	65.6	68.1	69.8	70.6	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
>= 6000	30.7	66.7	69.2	71.1	71.8	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>= 5000	31.2	68.7	71.3	73.1	74.0	74.2	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
>= 4500	31.4	70.2	72.7	74.5	75.4	75.6	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>= 4000	31.6	71.3	73.9	75.9	76.9	77.1	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>= 3500	31.8	71.7	74.4	76.4	77.5	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
>= 3000	32.3	73.6	76.5	78.7	80.0	80.2	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>= 2500	33.0	74.8	77.8	80.1	81.4	81.6	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
>= 2000	33.4	75.7	78.9	81.2	82.6	82.8	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>= 1800	33.4	75.9	79.1	81.4	82.8	83.0	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
>= 1500	33.5	77.1	80.4	82.9	84.4	84.7	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
>= 1200	33.5	77.5	81.0	83.6	85.4	85.7	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
>= 1000	33.8	78.8	82.4	85.1	87.2	87.6	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
>= 900	33.8	78.9	82.6	85.3	87.5	87.9	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
>= 800	33.9	79.2	82.9	85.8	88.1	88.5	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>= 700	33.9	79.3	83.3	86.5	88.9	89.5	90.8	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
>= 600	33.9	79.3	83.4	86.9	89.6	90.3	91.9	92.2	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
>= 500	33.9	79.5	83.8	87.4	90.5	91.2	93.1	93.4	93.5	94.0	94.1	94.1	94.2	94.2	94.2	94.2
>= 400	33.9	79.7	84.1	87.7	91.0	92.0	94.4	95.0	95.1	95.7	95.8	95.8	95.9	95.9	95.9	95.9
>= 300	33.9	79.7	84.1	87.8	91.4	92.4	95.1	96.2	96.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7
>= 200	33.9	79.8	84.2	87.9	91.5	92.5	95.2	96.4	96.5	97.9	98.3	98.3	98.9	98.9	99.0	99.0
>= 100	33.9	79.8	84.2	87.9	91.5	92.5	95.2	96.4	96.5	97.9	98.5	98.5	99.1	99.1	99.5	99.7
>= 0	33.9	79.8	84.2	87.9	91.5	92.5	95.2	96.4	96.5	97.9	98.5	98.5	99.1	99.1	99.5	100.0

TOTAL NO. OF OBS : 995

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : OCT
CLASS : ALL WEATHER — HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.3	49.5	51.0	53.0	54.4	54.7	55.3	55.4	55.6	55.7	56.0	56.1	56.3	56.3	56.3	56.4
>=20000	18.5	51.2	52.7	54.6	56.0	56.5	57.1	57.2	57.3	57.4	57.8	57.9	58.0	58.0	58.0	58.1
>=18000	18.5	51.2	52.7	54.6	56.0	56.5	57.1	57.2	57.3	57.4	57.8	57.9	58.0	58.0	58.0	58.1
>=16000	18.5	51.2	52.7	54.6	56.0	56.5	57.1	57.2	57.3	57.4	57.8	57.9	58.0	58.0	58.0	58.1
>=14000	18.5	51.4	52.9	54.9	56.3	56.7	57.3	57.4	57.5	57.6	58.0	58.1	58.2	58.2	58.2	58.3
>=12000	19.1	52.5	54.2	56.3	57.6	58.1	58.7	58.8	58.9	59.0	59.4	59.5	59.6	59.6	59.6	59.7
>=10000	20.3	55.9	57.6	59.8	61.3	61.8	62.4	62.5	62.6	62.8	63.2	63.3	63.4	63.4	63.4	63.5
>= 9000	20.4	56.5	58.3	60.5	62.0	62.5	63.1	63.2	63.3	63.5	63.9	64.0	64.1	64.1	64.1	64.2
>= 8000	21.1	59.5	61.7	63.9	65.4	65.9	66.4	66.6	66.7	66.9	67.2	67.4	67.5	67.5	67.5	67.6
>= 7000	21.5	61.8	64.1	66.4	68.1	68.5	69.1	69.2	69.3	69.6	69.9	70.0	70.1	70.1	70.1	70.3
>= 6000	21.8	63.2	65.6	67.9	69.6	70.0	70.6	70.7	70.8	71.1	71.4	71.5	71.6	71.6	71.6	71.8
>= 5000	22.7	64.8	67.2	69.7	71.3	71.8	72.5	72.6	72.7	73.0	73.4	73.5	73.6	73.6	73.6	73.7
>= 4500	22.8	65.7	68.3	70.8	72.6	73.0	73.7	73.8	74.0	74.3	74.7	74.8	74.9	74.9	74.9	75.0
>= 4000	22.8	67.0	69.7	72.2	74.0	74.4	75.1	75.3	75.5	75.8	76.2	76.3	76.4	76.4	76.4	76.5
>= 3500	22.9	67.6	70.5	73.0	74.8	75.2	75.9	76.2	76.3	76.6	77.0	77.1	77.2	77.2	77.2	77.3
>= 3000	23.6	69.8	72.9	75.6	77.3	77.8	78.5	78.7	78.8	79.2	79.5	79.6	79.7	79.7	79.7	79.9
>= 2500	24.0	70.7	74.0	76.6	78.4	78.8	79.5	79.7	79.9	80.2	80.6	80.7	80.8	80.8	80.8	80.9
>= 2000	24.3	71.5	74.9	77.8	79.6	80.1	80.8	81.0	81.1	81.6	81.9	82.1	82.2	82.2	82.2	82.3
>= 1800	24.3	71.6	75.0	77.9	79.7	80.2	80.9	81.1	81.3	81.7	82.1	82.2	82.3	82.3	82.3	82.4
>= 1500	24.4	72.3	76.2	79.3	81.4	81.9	82.8	83.1	83.2	83.7	84.0	84.1	84.3	84.3	84.3	84.4
>= 1200	24.4	72.6	76.5	79.6	81.7	82.3	83.1	83.4	83.6	84.0	84.4	84.5	84.6	84.6	84.6	84.7
>= 1000	24.4	73.1	77.4	80.7	83.0	83.6	84.7	85.1	85.2	85.6	86.0	86.1	86.2	86.2	86.2	86.3
>= 900	24.4	73.4	77.9	81.1	83.4	84.0	85.2	85.5	85.6	86.1	86.5	86.6	86.7	86.7	86.7	86.8
>= 800	24.4	73.6	78.1	81.6	84.3	85.0	86.2	86.8	86.9	87.5	87.8	88.0	88.1	88.1	88.1	88.2
>= 700	24.4	73.7	78.8	82.3	85.1	85.9	87.2	87.8	88.0	88.5	88.9	89.0	89.1	89.1	89.1	89.2
>= 600	24.4	74.0	79.2	83.1	85.9	86.7	88.0	88.8	89.0	89.6	89.9	90.0	90.2	90.2	90.2	90.3
>= 500	24.4	74.1	79.4	84.1	87.3	88.1	89.6	90.5	90.7	91.4	91.9	92.0	92.1	92.1	92.1	92.2
>= 400	24.4	74.2	79.6	84.4	87.7	88.5	90.6	91.7	92.1	93.1	93.6	93.8	93.9	93.9	93.9	94.0
>= 300	24.4	74.2	79.6	84.4	88.0	88.8	91.3	92.7	93.2	94.3	95.1	95.3	95.5	95.5	95.5	95.6
>= 200	24.4	74.2	79.6	84.4	88.0	88.9	91.9	93.3	93.8	95.4	96.9	97.0	97.6	97.6	97.7	97.8
>= 100	24.4	74.2	79.6	84.4	88.0	88.9	92.0	93.4	93.9	95.5	97.1	97.3	98.3	98.4	99.1	99.5
>= 0	24.4	74.2	79.6	84.4	88.0	88.9	92.0	93.4	93.9	95.5	97.1	97.3	98.3	98.4	99.2	100.0

TOTAL NO. OF OBS : 864

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : OCT
CLASS : ALL WEATHER — HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES) >=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.0	48.6	50.4	51.8	52.7	53.0	53.5	53.8	53.9	54.1	54.3	54.3	54.5	54.6	54.7	54.9
>=20000	21.3	50.7	52.7	54.2	55.1	55.4	55.9	56.3	56.4	56.6	56.8	56.8	57.0	57.0	57.1	57.4
>=18000	21.4	50.8	52.8	54.3	55.2	55.5	56.0	56.4	56.5	56.7	56.9	56.9	57.1	57.1	57.2	57.5
>=16000	21.4	50.9	52.9	54.4	55.3	55.6	56.1	56.5	56.6	56.8	57.0	57.0	57.2	57.2	57.3	57.6
>=14000	21.9	51.5	53.5	55.0	55.9	56.3	56.7	57.1	57.2	57.5	57.6	57.7	57.9	57.9	58.0	58.2
>=12000	22.4	52.7	54.8	56.4	57.3	57.6	58.1	58.5	58.6	58.9	59.1	59.1	59.3	59.3	59.4	59.6
>=10000	23.1	55.2	57.5	59.3	60.2	60.6	61.0	61.4	61.5	61.8	62.1	62.1	62.3	62.3	62.4	62.7
>= 9000	23.2	55.6	58.0	59.7	60.7	61.0	61.5	61.9	62.0	62.3	62.5	62.6	62.8	62.8	62.9	63.1
>= 8000	24.0	58.0	60.6	62.5	63.6	63.9	64.4	64.8	64.9	65.2	65.5	65.5	65.7	65.7	65.8	66.1
>= 7000	24.4	59.4	62.0	63.9	65.0	65.4	65.9	66.3	66.4	66.8	67.0	67.0	67.3	67.3	67.4	67.6
>= 6000	24.7	60.5	63.2	65.2	66.3	66.6	67.2	67.6	67.7	68.0	68.3	68.3	68.5	68.5	68.7	68.9
>= 5000	25.2	62.2	65.1	67.1	68.2	68.6	69.2	69.7	69.8	70.1	70.4	70.4	70.6	70.7	70.8	71.0
>= 4500	25.6	63.2	66.0	68.1	69.2	69.7	70.3	70.7	70.8	71.2	71.4	71.5	71.7	71.7	71.8	72.1
>= 4000	26.2	64.9	67.9	70.1	71.3	71.7	72.3	72.7	72.8	73.2	73.5	73.5	73.8	73.8	73.9	74.1
>= 3500	26.6	66.1	69.2	71.4	72.7	73.1	73.7	74.2	74.3	74.7	75.0	75.0	75.2	75.2	75.3	75.6
>= 3000	27.3	68.5	71.8	74.1	75.5	75.9	76.6	77.0	77.1	77.5	77.8	77.8	78.1	78.1	78.2	78.4
>= 2500	27.9	70.2	73.5	75.9	77.3	77.8	78.5	79.0	79.1	79.5	79.8	79.8	80.0	80.1	80.2	80.4
>= 2000	28.4	71.2	74.7	77.2	78.8	79.3	80.0	80.5	80.7	81.1	81.4	81.4	81.6	81.6	81.7	82.0
>= 1800	28.5	71.6	75.1	77.6	79.2	79.7	80.4	81.0	81.1	81.5	81.8	81.8	82.0	82.1	82.2	82.4
>= 1500	28.8	72.7	76.4	79.1	80.9	81.5	82.2	82.8	83.0	83.4	83.7	83.7	84.0	84.0	84.1	84.3
>= 1200	29.0	73.2	77.0	79.8	81.7	82.3	83.1	83.7	83.8	84.2	84.5	84.6	84.8	84.8	84.9	85.2
>= 1000	29.2	73.9	78.0	80.9	83.0	83.7	84.7	85.3	85.5	86.0	86.3	86.3	86.6	86.6	86.7	87.0
>= 900	29.2	74.1	78.3	81.3	83.5	84.2	85.2	85.9	86.1	86.5	86.9	86.9	87.1	87.1	87.3	87.5
>= 800	29.3	74.4	78.7	81.9	84.3	85.1	86.3	87.1	87.3	87.8	88.1	88.2	88.4	88.4	88.5	88.8
>= 700	29.3	74.7	79.1	82.4	85.0	85.9	87.2	88.0	88.3	88.8	89.1	89.2	89.4	89.4	89.5	89.8
>= 600	29.4	75.0	79.4	82.9	85.6	86.7	88.2	89.1	89.4	90.0	90.3	90.3	90.6	90.6	90.7	91.0
>= 500	29.4	75.1	79.7	83.5	86.6	87.8	89.7	90.8	91.1	91.9	92.4	92.4	92.7	92.7	92.8	93.1
>= 400	29.4	75.1	79.8	83.6	86.9	88.2	90.5	92.0	92.5	93.5	94.1	94.1	94.5	94.5	94.6	94.9
>= 300	29.4	75.2	79.8	83.8	87.2	88.5	91.0	92.7	93.3	94.6	95.5	95.5	96.0	96.0	96.2	96.5
>= 200	29.4	75.2	79.9	83.8	87.2	88.5	91.1	93.0	93.6	95.1	96.2	96.3	97.1	97.2	97.5	97.9
>= 100	29.4	75.2	79.9	83.8	87.2	88.6	91.2	93.0	93.6	95.1	96.3	96.4	97.4	97.5	98.1	99.0
>= 0	29.4	75.2	79.9	83.8	87.2	88.6	91.2	93.0	93.6	95.1	96.3	96.4	97.4	97.5	98.2	100.0

TOTAL NO. OF OBS : 7491

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : NOV
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.4	1.4	2.0	.6	.0	.1	.0	.0	.0	.0	.0	5.6	6.8
NNE	.6	.9	1.1	.6	.3	.0	.0	.0	.0	.0	.0	3.5	8.1
NE	.6	.9	.6	.4	.0	.0	.0	.0	.0	.0	.0	2.5	6.4
ENE	.5	.6	.6	.4	.0	.1	.0	.0	.0	.0	.0	2.3	7.7
E	1.1	.6	.8	.1	.1	.0	.0	.0	.0	.0	.0	2.8	5.9
ESE	.4	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.8	4.5
SE	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.0	5.8
SSE	.8	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.5
S	5.1	2.8	2.0	1.1	.0	.0	.0	.0	.0	.0	.0	11.0	5.1
SSW	.8	2.7	1.8	.5	.1	.1	.0	.0	.0	.0	.0	5.9	6.9
SW	1.4	2.7	1.5	1.0	.1	.0	.0	.0	.0	.0	.0	6.7	7.1
WSW	.9	1.5	1.6	.0	.1	.0	.0	.0	.0	.0	.0	4.2	6.0
W	1.9	4.6	2.5	1.1	.1	.0	.0	.0	.0	.0	.0	10.2	6.3
WNW	.6	3.5	2.0	1.8	.3	.0	.0	.0	.0	.0	.0	8.2	7.7
NW	.9	1.9	1.6	1.6	.0	.0	.0	.0	.0	.0	.0	6.1	7.6
NNW	1.0	2.3	1.8	1.0	.1	.0	.0	.0	.0	.0	.0	6.2	7.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.1	.0
ALL	18.3	27.4	20.9	10.6	1.3	.4	.0	.0	.0	.0	.0	100.0	5.2

TOTAL NO. OF OBS : 791

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

D14790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : NOV
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.4	1.9	2.0	1.0	.1	.0	.0	.0	.0	.0	.0	6.4	7.1
NNE	.6	.9	1.0	.8	.5	.0	.0	.0	.0	.0	.0	3.8	8.8
NE	.6	.8	.8	.4	.0	.0	.0	.0	.0	.0	.0	2.5	6.6
ENE	.3	.4	.4	.0	.1	.0	.0	.0	.0	.0	.0	1.1	6.4
E	.9	1.0	.5	.1	.0	.0	.1	.0	.0	.0	.0	2.7	6.3
ESE	.3	.3	.8	.1	.0	.1	.0	.0	.0	.0	.0	1.5	8.8
SE	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.8
SSE	.8	1.1	.5	.3	.0	.0	.0	.0	.0	.0	.0	2.7	5.2
S	2.5	3.2	1.9	.5	.1	.0	.0	.0	.0	.0	.0	8.2	5.4
SSW	1.4	3.3	1.8	.1	.0	.1	.0	.0	.0	.0	.0	6.7	5.8
SW	1.8	2.1	1.9	1.0	.0	.0	.1	.0	.0	.0	.0	7.0	7.0
WSW	1.5	2.3	1.5	.6	.0	.0	.0	.0	.0	.0	.0	5.9	5.9
W	2.1	3.9	3.2	1.0	.0	.0	.0	.0	.0	.0	.0	10.2	6.3
WNW	1.9	2.9	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	7.8	6.0
NW	1.0	1.9	1.8	1.3	.0	.0	.0	.0	.0	.0	.0	5.9	7.4
NNW	1.5	2.0	1.5	.8	.1	.1	.0	.0	.0	.0	.0	6.1	6.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.2	.0
ALL	19.1	28.3	21.7	9.0	1.0	.4	.3	.0	.0	.0	.0	100.0	5.2

TOTAL NO. OF OBS : 791

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : NOV
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.0	2.2	1.5	.7	.1	.0	.0	.0	.0	.0	.0	5.6	6.8
NNE	.1	1.1	1.2	.9	.2	.1	.1	.0	.0	.0	.0	3.7	10.2
NE	.5	.5	.7	.3	.1	.0	.0	.0	.0	.0	.0	2.1	7.1
ENE	.5	.5	.7	.1	.0	.1	.0	.0	.0	.0	.0	1.9	7.6
E	.8	1.3	.5	.3	.0	.0	.0	.0	.0	.0	.0	2.9	5.6
ESE	.6	.3	.5	.2	.1	.0	.0	.0	.0	.0	.0	1.7	6.8
SE	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	1.3	6.2
SSE	1.0	.4	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.2	5.3
S	2.3	3.0	1.5	.4	.3	.1	.0	.0	.0	.0	.0	7.7	5.8
SSW	.8	3.9	1.8	1.0	.1	.0	.0	.0	.0	.0	.0	7.7	6.6
SW	.8	2.4	1.9	.6	.0	.0	.0	.0	.0	.0	.0	5.8	6.6
WSW	1.4	2.8	1.9	.7	.1	.0	.0	.0	.0	.0	.0	7.0	6.3
W	1.5	3.2	3.8	1.1	.1	.0	.0	.0	.0	.0	.0	9.8	7.0
WNW	1.6	2.4	1.8	1.4	.0	.0	.0	.0	.0	.0	.0	7.3	6.9
NW	1.8	2.5	1.7	.9	.2	.0	.0	.0	.0	.0	.0	7.2	6.5
NNW	1.6	1.7	2.7	1.0	.5	.0	.0	.0	.0	.0	.0	7.6	7.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	16.9	28.8	23.5	10.1	1.8	.3	.1	.0	.0	.0	.0	18.4	.0
												100.0	5.5

TOTAL NO. OF OBS : 988

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : NOV
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.6	2.2	2.9	2.0	.1	.0	.0	.0	.0	.0	.0	7.9	8.3
NNE	.6	2.0	2.0	.9	.3	.2	.0	.0	.0	.0	.0	6.1	8.5
NE	.7	1.3	.9	.3	.1	.0	.0	.0	.0	.0	.0	3.3	6.4
ENE	.6	.5	1.7	.3	.1	.0	.0	.0	.0	.0	.0	3.2	7.3
E	.4	.6	.8	.1	.0	.1	.0	.0	.0	.0	.0	2.0	7.0
ESE	.5	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.7	6.4
SE	.1	.9	.7	.2	.0	.0	.0	.0	.0	.0	.0	1.9	6.9
SSE	.7	1.4	.6	.7	.2	.0	.0	.0	.0	.0	.0	3.6	7.6
S	1.1	3.3	2.1	.8	.1	.2	.0	.0	.0	.0	.0	7.7	7.1
SSW	.4	2.0	2.9	1.6	.2	.0	.0	.0	.0	.0	.0	7.2	8.7
SW	.3	1.3	3.0	1.4	.7	.0	.0	.0	.0	.0	.0	6.8	9.6
WSW	.6	1.2	2.2	1.9	.2	.0	.0	.0	.0	.0	.0	6.2	9.0
W	.8	2.7	4.1	3.8	.4	.1	.0	.0	.0	.0	.0	12.0	9.2
WNW	.8	2.4	3.9	3.1	.4	.1	.0	.0	.0	.0	.0	10.8	9.3
NW	.5	.9	2.6	2.8	.7	.0	.0	.0	.0	.0	.0	7.6	10.6
NNW	1.3	1.7	2.3	2.1	.3	.1	.0	.0	.0	.0	.0	7.9	8.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	.0
ALL	10.1	25.2	33.6	22.4	3.8	.8	.0	.0	.0	.0	.0	100.0	8.3

TOTAL NO. OF OBS : 989

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : NOV
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.8	1.9	2.2	1.1	.6	.1	.0	.0	.0	.0	.0	7.8	7.8
NNE	.4	1.9	1.6	.9	.4	.0	.0	.0	.0	.0	.0	5.3	8.2
NE	.1	1.9	1.0	.3	.3	.0	.0	.0	.0	.0	.0	3.6	7.8
ENE	.5	.9	1.1	.7	.1	.0	.0	.0	.0	.0	.0	3.3	8.0
E	.7	1.1	.8	.1	.1	.0	.0	.0	.0	.0	.0	2.8	5.9
ESE	.6	.7	1.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.6
SE	.4	.9	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.1	6.6
SSE	.3	.9	.6	.4	.1	.0	.0	.0	.0	.0	.0	2.3	7.6
S	.9	2.2	2.0	1.6	.1	.1	.0	.0	.0	.0	.0	7.0	7.9
SSW	.6	2.0	3.0	3.4	.4	.1	.0	.0	.0	.0	.0	9.6	9.9
SW	.1	1.5	2.0	1.1	.4	.0	.0	.0	.0	.0	.0	5.2	9.4
WSW	.5	1.6	3.8	2.8	.4	.0	.0	.0	.0	.0	.0	9.2	9.4
W	1.0	2.8	4.5	3.5	1.1	.1	.0	.0	.0	.0	.0	13.1	9.7
WNW	.9	1.2	3.5	4.9	.8	.1	.0	.0	.0	.0	.0	11.5	10.7
NW	.1	1.6	2.9	3.1	.5	.1	.0	.0	.0	.0	.0	8.4	10.4
NNW	.3	1.9	.7	1.3	.3	.0	.0	.0	.0	.0	.0	4.5	8.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	.0
ALL	9.3	25.3	31.6	25.7	5.7	.6	.0	.0	.0	.0	.0	100.0	8.8

TOTAL NO. OF OBS : 990

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : NOV
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.5	1.3	1.1	.6	.1	.0	.0	.0	.0	.0	.0	3.6	7.6
NNE	.7	2.0	1.3	.4	.3	.1	.0	.0	.0	.0	.0	4.8	7.4
NE	.6	1.8	1.1	.8	.1	.0	.0	.0	.0	.0	.0	4.4	7.5
ENE	1.3	1.5	1.0	.4	.0	.0	.0	.0	.0	.0	.0	4.2	5.8
E	2.7	2.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	5.2	4.1
ESE	.9	1.0	.5	.4	.0	.0	.0	.0	.0	.0	.0	2.8	5.9
SE	1.0	.7	.5	.3	.0	.0	.0	.0	.0	.0	.0	2.5	5.4
SSE	.2	.9	.7	.3	.0	.0	.0	.0	.0	.0	.0	2.1	7.0
S	1.7	3.7	3.5	1.3	.1	.0	.0	.0	.0	.0	.0	10.4	6.8
SSW	.9	1.2	2.7	2.5	.1	.2	.0	.0	.0	.0	.0	7.7	9.5
SW	.2	1.6	2.0	.9	.1	.0	.0	.0	.0	.0	.0	4.8	8.2
WSW	1.1	1.5	2.7	1.2	.1	.0	.0	.0	.0	.0	.0	6.7	7.5
W	.9	4.0	5.5	2.9	.2	.0	.0	.0	.0	.0	.0	13.5	8.4
WNW	.4	2.2	4.4	2.6	.5	.0	.0	.0	.0	.0	.0	10.2	9.5
NW	.6	1.3	1.8	2.0	.4	.1	.0	.0	.0	.0	.0	6.3	9.8
NNW	.7	1.5	1.3	1.4	.2	.0	.0	.0	.0	.0	.0	5.2	8.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	.0
ALL	14.5	28.5	30.6	18.3	2.2	.4	.0	.0	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 990

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : NOV
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.8	1.3	1.2	.8	.1	.0	.0	.0	.0	.0	.0	4.3	7.4
NNE	1.0	1.2	.8	.8	.3	.2	.0	.0	.0	.0	.0	4.4	8.2
NE	.7	.9	.5	.2	.1	.0	.0	.0	.0	.0	.0	2.5	6.4
ENE	.5	.7	.8	.1	.0	.0	.0	.0	.0	.0	.0	2.1	6.0
E	.7	.8	.5	.3	.0	.1	.0	.0	.0	.0	.0	2.5	6.8
ESE	.8	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.9	4.4
SE	.4	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.6	5.3
SSE	.9	1.2	.6	.3	.0	.0	.0	.0	.0	.0	.0	3.1	5.6
S	3.7	4.2	2.1	.5	.2	.0	.0	.0	.0	.0	.0	10.7	5.2
SSW	1.1	1.9	3.1	1.7	.0	.1	.0	.0	.0	.0	.0	8.0	8.1
SW	.8	2.0	1.9	.6	.1	.0	.0	.0	.0	.0	.0	5.5	7.2
WSW	1.6	1.9	2.2	.5	.0	.0	.0	.0	.0	.0	.0	6.3	6.3
W	1.5	4.5	3.0	1.1	.1	.0	.0	.0	.0	.0	.0	10.2	6.5
WNW	.7	2.3	2.9	1.3	.5	.0	.0	.0	.0	.0	.0	7.8	8.5
NW	.6	1.8	1.4	1.3	.3	.0	.0	.0	.0	.0	.0	5.5	8.4
NNW	.6	.9	1.3	1.2	.5	.0	.0	.0	.0	.0	.0	4.6	9.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19.0	.0
ALL	16.6	27.6	23.0	11.1	2.2	.4	.0	.0	.0	.0	.0	100.0	5.7

TOTAL NO. OF OBS : 979

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : NOV
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	1.5	.9	1.1	.1	.0	.0	.0	.0	.0	.0	4.7	7.2
NNE	.7	1.4	.5	.9	.1	.2	.0	.0	.0	.0	.0	3.9	8.4
NE	.5	1.1	.7	.2	.0	.0	.0	.0	.0	.0	.0	2.5	6.0
ENE	.2	.9	.4	.3	.1	.0	.0	.0	.0	.0	.0	2.0	7.6
E	.4	.9	.5	.3	.0	.0	.0	.0	.0	.0	.0	2.2	6.7
ESE	.4	.7	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.5	5.6
SE	.2	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.3	6.1
SSE	.9	.6	.5	.2	.0	.1	.0	.0	.0	.0	.0	2.4	6.2
S	3.5	3.4	1.2	.7	.0	.0	.0	.0	.0	.0	.0	8.7	4.9
SSW	1.5	2.6	2.2	1.2	.2	.2	.0	.0	.0	.0	.0	7.9	7.3
SW	.9	2.0	3.7	.9	.1	.0	.0	.0	.0	.0	.0	7.7	7.8
WSW	.9	3.0	1.6	.4	.0	.0	.0	.0	.0	.0	.0	6.0	6.0
W	2.2	3.7	3.2	.9	.0	.0	.0	.0	.0	.0	.0	10.0	6.3
WNW	.7	2.0	2.5	2.2	.0	.1	.0	.0	.0	.0	.0	7.6	8.7
NW	.9	2.6	1.7	1.4	.1	.0	.0	.0	.0	.0	.0	6.7	7.5
NNW	.5	1.1	1.8	1.4	.4	.0	.0	.0	.0	.0	.0	5.2	9.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19.8	.0
ALL	15.9	28.1	22.0	12.4	1.3	.6	.0	.0	.0	.0	.0	100.0	5.7

TOTAL NO. OF OBS : 951

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : NOV
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.1	1.7	1.7	1.0	.2	.0*	.0	.0	.0	.0	.0	5.7	7.5
NNE	.6	1.5	1.2	.8	.3	.1	.0*	.0	.0	.0	.0	4.5	8.4
NE	.5	1.2	.8	.4	.1	.0	.0	.0	.0	.0	.0	3.0	6.9
ENE	.6	.8	.9	.3	.1	.0*	.0	.0	.0	.0	.0	2.6	7.0
E	1.0	1.1	.6	.2	.0*	.0*	.0*	.0	.0	.0	.0	2.9	5.7
ESE	.6	.6	.5	.2	.0*	.0*	.0	.0	.0	.0	.0	1.8	6.0
SE	.4	.6	.4	.2	.0	.0	.0	.0	.0	.0	.0	1.6	6.0
SSE	.7	.9	.6	.3	.0*	.0*	.0	.0	.0	.0	.0	2.6	6.3
S	2.5	3.2	2.1	.9	.1	.1	.0	.0	.0	.0	.0	8.9	6.0
SSW	.9	2.4	2.5	1.6	.1	.1	.0	.0	.0	.0	.0	7.6	8.0
SW	.7	1.9	2.3	1.0	.2	.0	.0*	.0	.0	.0	.0	6.1	7.9
WSW	1.1	2.0	2.2	1.1	.1	.0	.0	.0	.0	.0	.0	6.5	7.3
W	1.5	3.7	3.8	2.0	.3	.0*	.0	.0	.0	.0	.0	11.2	7.7
WNW	1.0	2.3	2.9	2.4	.3	.0*	.0	.0	.0	.0	.0	9.0	8.7
NW	.8	1.8	2.0	1.8	.3	.0*	.0	.0	.0	.0	.0	6.7	8.7
NNW	.9	1.6	1.7	1.3	.3	.0*	.0	.0	.0	.0	.0	5.9	8.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.3	.0
ALL	14.9	27.4	26.1	15.2	2.5	.5	.0*	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 7469

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : NOV
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	15.0	44.3	45.4	45.7	45.8	45.9	46.2	46.3	46.4	46.4	46.6	46.6	46.7	46.7	47.0	47.1
>=20000	15.2	45.7	47.0	47.3	47.6	47.7	48.0	48.1	48.2	48.2	48.4	48.4	48.5	48.5	48.7	48.9
>=18000	15.2	45.7	47.0	47.3	47.6	47.7	48.0	48.1	48.2	48.2	48.4	48.4	48.5	48.5	48.7	48.9
>=16000	15.2	45.7	47.0	47.3	47.6	47.7	48.0	48.1	48.2	48.2	48.4	48.4	48.5	48.5	48.7	48.9
>=14000	15.4	45.9	47.2	47.6	47.8	48.0	48.2	48.5	48.6	48.6	48.7	48.7	48.9	48.9	49.1	49.2
>=12000	15.4	46.7	48.0	48.4	48.6	48.7	49.0	49.2	49.4	49.4	49.5	49.5	49.6	49.6	49.9	50.0
>=10000	16.0	49.9	51.1	51.8	52.0	52.3	52.5	52.8	52.9	52.9	53.0	53.0	53.2	53.2	53.4	53.6
>= 9000	16.2	50.4	51.6	52.4	52.8	53.0	53.3	53.6	53.7	53.7	53.8	53.8	53.9	53.9	54.2	54.3
>= 8000	16.8	53.3	54.6	55.3	55.8	56.1	56.5	56.7	56.9	56.9	57.0	57.0	57.1	57.1	57.4	57.5
>= 7000	17.5	55.5	56.9	57.7	58.2	58.5	58.9	59.1	59.3	59.3	59.4	59.4	59.5	59.5	59.8	59.9
>= 6000	17.6	56.7	58.1	59.0	59.5	59.8	60.2	60.4	60.5	60.5	60.7	60.7	60.8	60.8	61.0	61.2
>= 5000	18.4	59.6	61.3	62.3	62.9	63.2	63.7	64.2	64.3	64.3	64.5	64.5	64.6	64.6	64.8	65.0
>= 4500	18.7	60.5	62.3	63.3	64.0	64.2	64.7	65.2	65.4	65.4	65.5	65.5	65.6	65.6	65.9	66.0
>= 4000	19.3	62.6	64.5	65.6	66.2	66.5	67.0	67.5	67.6	67.6	67.8	67.8	67.9	67.9	68.1	68.3
>= 3500	19.5	63.3	65.2	66.4	67.1	67.4	67.9	68.4	68.5	68.5	68.7	68.7	68.8	68.8	69.0	69.2
>= 3000	20.2	66.0	68.1	69.7	70.4	70.7	71.2	71.7	71.8	71.8	72.0	72.0	72.1	72.1	72.5	72.6
>= 2500	20.4	67.8	70.3	72.0	72.7	73.0	73.5	74.0	74.2	74.2	74.4	74.4	74.5	74.5	74.9	75.0
>= 2000	20.9	69.4	72.3	74.2	75.3	75.5	76.0	76.5	76.8	76.8	76.9	76.9	77.0	77.0	77.4	77.5
>= 1800	21.1	69.8	72.8	74.7	75.8	76.0	76.5	77.0	77.3	77.3	77.4	77.4	77.5	77.5	77.9	78.0
>= 1500	21.4	71.2	74.5	76.6	77.7	77.9	78.7	79.2	79.4	79.4	79.6	79.6	79.7	79.7	80.1	80.2
>= 1200	21.6	71.6	75.3	77.4	78.6	78.8	79.7	80.2	80.5	80.5	80.6	80.6	80.7	80.7	81.1	81.2
>= 1000	22.0	72.6	76.9	79.2	80.8	81.2	82.1	82.7	83.0	83.0	83.1	83.1	83.2	83.2	83.6	83.8
>= 900	22.0	72.8	77.2	79.7	81.3	81.7	82.6	83.2	83.5	83.5	83.6	83.6	83.8	83.8	84.1	84.3
>= 800	22.0	73.1	77.5	80.6	82.7	83.1	84.0	84.6	85.0	85.2	85.3	85.3	85.4	85.4	85.8	85.9
>= 700	22.0	73.4	78.0	81.5	83.8	84.4	85.5	86.2	86.5	86.7	86.8	86.8	86.9	86.9	87.3	87.4
>= 600	22.0	73.4	78.3	81.9	84.8	85.5	86.7	87.4	87.8	87.9	88.2	88.2	88.3	88.3	88.7	88.8
>= 500	22.0	73.5	78.8	82.9	86.2	87.1	88.3	89.3	89.7	90.0	90.2	90.2	90.4	90.4	90.7	90.9
>= 400	22.0	73.5	78.9	83.2	86.7	87.7	89.2	90.4	90.7	91.2	91.5	91.5	91.6	91.6	92.0	92.1
>= 300	22.0	73.6	79.1	83.4	86.9	88.1	90.1	91.2	91.6	92.4	92.8	92.8	93.0	93.0	93.5	93.7
>= 200	22.1	73.9	79.3	83.8	87.6	88.7	90.9	92.1	92.5	93.7	94.4	94.5	94.9	94.9	95.6	96.1
>= 100	22.1	73.9	79.3	83.8	87.6	88.8	91.0	92.3	92.6	94.0	94.8	94.9	95.7	95.7	97.2	98.5
>= 0	22.1	73.9	79.3	83.8	87.6	88.8	91.0	92.3	92.6	94.0	94.9	95.1	95.8	95.8	97.7	100.0

TOTAL NO. OF OBS : 788

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : NOV
CLASS : ALL WEATHER — HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	14.8	44.8	45.5	46.2	47.4	47.4	48.3	48.7	48.7	49.1	49.2	49.2	49.2	49.2	49.2	49.5
>=20000	14.9	45.4	46.3	46.9	48.2	48.2	49.2	49.6	49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.4
>=18000	14.9	45.4	46.3	46.9	48.2	48.2	49.2	49.6	49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.4
>=16000	14.9	45.4	46.3	46.9	48.2	48.2	49.2	49.6	49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.4
>=14000	14.9	45.5	46.4	47.1	48.3	48.3	49.4	49.7	49.7	50.1	50.3	50.3	50.3	50.3	50.3	50.5
>=12000	15.1	46.0	46.9	47.6	49.0	49.0	50.0	50.4	50.4	50.8	50.9	50.9	50.9	50.9	50.9	51.1
>=10000	15.3	48.3	49.2	49.9	51.4	51.4	52.6	52.9	52.9	53.3	53.4	53.4	53.4	53.4	53.4	53.7
>= 9000	15.6	48.9	49.7	50.4	51.9	51.9	53.1	53.4	53.4	53.8	54.0	54.0	54.0	54.0	54.0	54.2
>= 8000	16.3	51.7	52.6	53.2	55.0	55.0	56.1	56.5	56.5	56.9	57.0	57.0	57.0	57.0	57.0	57.3
>= 7000	16.7	52.6	53.4	54.1	55.9	55.9	57.0	57.4	57.4	57.8	57.9	57.9	57.9	57.9	57.9	58.2
>= 6000	17.0	54.3	55.2	55.9	57.7	57.7	58.9	59.3	59.3	59.7	59.8	59.8	59.8	59.8	59.8	60.1
>= 5000	17.6	56.9	58.2	58.9	60.8	60.8	62.1	62.5	62.5	62.9	63.0	63.0	63.1	63.1	63.1	63.4
>= 4500	17.9	58.3	59.7	60.6	62.5	62.5	63.8	64.2	64.2	64.5	64.7	64.7	64.8	64.8	64.8	65.1
>= 4000	18.6	60.6	62.0	63.1	65.2	65.2	66.5	66.8	66.8	67.2	67.3	67.3	67.5	67.5	67.5	67.7
>= 3500	19.4	62.6	64.4	65.7	67.7	67.7	69.0	69.4	69.4	69.8	69.9	69.9	70.0	70.0	70.0	70.3
>= 3000	19.9	64.7	66.7	68.4	70.4	70.5	71.9	72.3	72.3	72.7	72.8	72.8	73.0	73.0	73.0	73.2
>= 2500	20.3	67.0	69.4	71.3	73.3	73.6	75.0	75.4	75.4	75.8	75.9	75.9	76.0	76.0	76.0	76.3
>= 2000	20.5	69.0	71.6	73.6	75.8	76.0	77.4	77.8	77.8	78.2	78.3	78.3	78.4	78.4	78.4	78.7
>= 1800	20.7	69.1	71.7	73.7	75.9	76.1	77.6	77.9	77.9	78.3	78.4	78.4	78.6	78.6	78.6	78.8
>= 1500	21.0	70.7	73.5	75.6	78.6	79.0	80.4	80.7	80.7	81.1	81.3	81.3	81.4	81.4	81.4	81.8
>= 1200	21.0	70.9	74.0	76.1	79.2	79.6	81.0	81.4	81.4	81.8	81.9	81.9	82.0	82.0	82.0	82.4
>= 1000	21.0	71.4	74.6	77.2	80.4	80.7	82.1	82.7	82.7	83.0	83.2	83.2	83.3	83.3	83.3	83.7
>= 900	21.0	71.7	75.0	77.7	80.9	81.3	82.7	83.2	83.2	83.5	83.7	83.7	83.8	83.8	83.8	84.2
>= 800	21.0	72.1	75.6	78.3	81.8	82.1	83.8	84.4	84.4	84.8	84.9	84.9	85.1	85.1	85.1	85.5
>= 700	21.0	72.2	76.3	79.2	83.0	83.4	85.1	85.7	85.7	86.1	86.2	86.2	86.4	86.4	86.4	86.7
>= 600	21.2	72.6	76.7	79.7	84.3	84.7	86.5	87.2	87.2	87.8	87.9	87.9	88.0	88.0	88.0	88.4
>= 500	21.2	72.7	77.0	80.1	84.8	85.3	87.4	88.4	88.5	89.2	89.3	89.3	89.4	89.4	89.4	89.8
>= 400	21.2	72.8	77.4	80.7	86.0	86.5	88.9	90.7	90.8	91.6	91.8	91.8	92.0	92.0	92.1	92.5
>= 300	21.2	73.0	77.7	81.3	86.7	87.4	89.9	92.1	92.2	93.4	94.0	94.0	94.4	94.4	94.5	94.9
>= 200	21.2	73.1	77.8	81.5	87.1	87.8	90.4	92.6	92.7	94.0	94.8	94.8	95.5	95.7	96.0	96.6
>= 100	21.2	73.1	77.8	81.5	87.1	87.8	90.4	92.6	92.7	94.0	95.0	95.0	95.8	95.9	96.8	97.6
>= 0	21.2	73.1	77.8	81.5	87.1	87.8	90.4	92.6	92.7	94.0	95.0	95.0	96.0	96.2	97.3	100.0

TOTAL NO. OF OBS : 784

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : NOV
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	17.1	36.9	38.2	39.3	40.9	41.5	41.9	42.1	42.1	42.6	42.7	42.7	43.0	43.0	43.3	43.4
>=20000	17.5	38.2	39.5	40.7	42.3	42.9	43.3	43.5	43.5	44.0	44.1	44.1	44.6	44.6	44.9	45.0
>=18000	17.5	38.2	39.5	40.7	42.3	42.9	43.3	43.5	43.5	44.0	44.1	44.1	44.6	44.6	44.9	45.0
>=16000	17.6	38.4	39.7	40.9	42.5	43.1	43.5	43.7	43.7	44.3	44.4	44.4	44.8	44.8	45.1	45.2
>=14000	18.0	38.8	40.1	41.4	43.0	43.6	44.0	44.3	44.3	44.8	44.9	44.9	45.3	45.3	45.6	45.7
>=12000	18.8	39.9	41.4	42.7	44.4	45.0	45.5	45.7	45.7	46.2	46.3	46.3	46.8	46.8	47.1	47.2
>=10000	20.1	43.9	45.5	46.8	48.5	49.2	49.8	50.2	50.2	50.7	50.8	50.8	51.4	51.4	51.7	51.8
>= 9000	20.2	44.5	46.0	47.4	49.1	49.8	50.4	50.8	50.8	51.3	51.4	51.4	52.1	52.1	52.4	52.5
>= 8000	20.8	46.8	48.5	50.3	52.1	53.0	53.8	54.2	54.2	54.7	54.8	54.8	55.4	55.5	55.9	56.0
>= 7000	21.5	48.6	50.2	52.1	53.8	54.7	55.5	56.0	56.0	56.6	56.7	56.7	57.3	57.4	57.7	57.8
>= 6000	21.9	49.6	51.2	53.1	54.9	55.9	56.7	57.2	57.2	57.8	57.9	57.9	58.5	58.6	58.9	59.0
>= 5000	23.2	52.3	54.2	56.2	58.2	59.1	60.1	60.6	60.6	61.3	61.4	61.4	62.0	62.1	62.4	62.5
>= 4500	23.5	53.2	55.1	57.1	59.2	60.4	61.3	61.8	61.8	62.6	62.7	62.7	63.3	63.4	63.8	63.9
>= 4000	24.2	55.6	57.7	59.9	62.0	63.1	64.1	64.6	64.6	65.4	65.6	65.6	66.2	66.3	66.6	66.7
>= 3500	25.1	57.4	59.5	61.8	64.1	65.3	66.2	66.7	66.7	67.6	67.8	67.8	68.4	68.5	68.8	68.9
>= 3000	26.0	59.5	61.9	64.3	66.5	67.8	68.9	69.5	69.5	70.4	70.6	70.6	71.3	71.4	71.7	71.8
>= 2500	26.3	61.2	63.8	66.3	68.6	69.8	70.9	71.8	71.8	72.7	72.9	72.9	73.5	73.6	73.9	74.0
>= 2000	27.4	63.1	65.8	68.5	70.8	72.2	73.5	74.3	74.3	75.3	75.5	75.5	76.1	76.2	76.5	76.6
>= 1800	27.4	63.3	66.0	68.7	71.1	72.5	73.8	74.6	74.6	75.6	75.8	75.8	76.4	76.5	76.8	77.0
>= 1500	27.8	65.5	68.5	71.6	74.0	75.4	76.7	77.8	77.8	78.7	79.0	79.0	79.6	79.7	80.0	80.2
>= 1200	28.1	66.1	69.1	72.3	74.8	76.2	77.5	78.6	78.6	79.6	79.8	79.8	80.4	80.5	80.8	81.0
>= 1000	28.2	66.7	70.0	73.6	76.4	77.7	79.4	80.5	80.5	81.4	81.7	81.7	82.3	82.4	82.8	83.0
>= 900	28.2	66.8	70.1	73.7	76.5	77.8	79.6	80.7	80.9	81.8	82.1	82.1	82.8	82.9	83.2	83.4
>= 800	28.3	67.0	70.4	74.2	77.3	78.9	80.7	82.1	82.3	83.4	83.7	83.7	84.3	84.4	84.7	84.9
>= 700	28.3	67.4	71.1	75.1	78.3	79.9	81.7	83.3	83.5	84.6	84.9	84.9	85.5	85.6	85.9	86.1
>= 600	28.3	67.4	71.3	75.5	79.0	80.6	82.8	84.4	84.9	86.2	86.8	86.8	87.4	87.5	87.8	88.0
>= 500	28.3	67.5	71.5	76.1	80.2	81.8	84.6	87.0	87.6	89.0	89.6	89.7	90.3	90.5	90.8	91.0
>= 400	28.4	67.6	71.6	76.3	80.6	82.5	85.3	87.9	88.6	90.3	91.3	91.4	92.0	92.1	92.4	92.6
>= 300	28.4	67.6	71.7	76.5	80.9	83.0	85.9	88.9	90.0	92.1	93.5	93.7	94.5	94.6	94.9	95.1
>= 200	28.4	67.6	71.7	76.5	80.9	83.0	85.9	89.0	90.1	92.2	93.8	94.0	95.3	95.6	96.2	96.6
>= 100	28.4	67.6	71.7	76.5	80.9	83.0	85.9	89.0	90.2	92.3	94.0	94.3	95.8	96.2	97.3	99.0
>= 0	28.4	67.6	71.7	76.5	80.9	83.0	85.9	89.0	90.2	92.3	94.0	94.3	95.8	96.2	97.3	100.0

TOTAL NO. OF OBS : 974

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : NOV
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.4	40.7	41.9	43.0	43.8	43.9	44.0	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.5
>=20000	19.6	42.3	43.6	44.9	45.8	45.9	46.0	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5
>=18000	19.6	42.3	43.6	44.9	45.8	45.9	46.0	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5
>=16000	19.7	42.4	43.7	45.0	45.9	46.0	46.1	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6
>=14000	20.1	43.3	44.5	45.9	46.8	46.9	47.0	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5
>=12000	20.8	44.7	46.1	47.5	48.4	48.6	48.7	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2
>=10000	21.7	47.5	49.0	50.6	51.6	51.8	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4
>= 9000	21.9	48.1	49.7	51.4	52.5	52.7	52.8	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3
>= 8000	22.9	51.4	53.2	55.4	56.5	56.8	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.5
>= 7000	23.7	53.0	54.9	57.0	58.3	58.6	58.7	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2
>= 6000	23.9	54.3	56.3	58.5	59.7	60.0	60.1	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7
>= 5000	24.6	56.5	58.7	61.1	62.4	62.7	62.8	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4
>= 4500	24.9	57.6	59.7	62.1	63.6	63.9	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5
>= 4000	25.8	59.3	61.5	63.9	65.6	65.9	66.0	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6
>= 3500	26.3	60.7	63.0	65.4	67.2	67.5	67.6	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1
>= 3000	26.6	62.0	64.7	67.1	68.9	69.4	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0
>= 2500	27.3	63.9	66.6	69.0	71.0	71.4	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2
>= 2000	28.3	65.8	69.0	71.7	73.8	74.3	74.5	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.2	75.2
>= 1800	28.5	66.5	69.7	72.4	74.4	74.9	75.2	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8
>= 1500	28.9	67.9	71.6	74.4	76.8	77.3	77.5	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.3	78.3
>= 1200	29.4	69.4	73.2	76.2	78.9	79.6	79.8	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.5	80.5
>= 1000	29.8	70.6	74.6	77.6	80.5	81.3	81.8	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.6
>= 900	29.8	70.8	74.9	78.0	81.0	81.8	82.5	83.0	83.1	83.1	83.2	83.2	83.3	83.3	83.4	83.4
>= 800	30.0	71.2	75.8	78.9	82.4	83.5	84.8	85.4	85.5	85.6	85.7	85.7	85.8	85.8	85.9	85.9
>= 700	30.0	71.5	76.3	79.9	83.5	84.9	86.5	87.3	87.5	87.6	87.7	87.7	87.8	87.8	87.9	87.9
>= 600	30.0	71.7	76.6	80.3	84.0	85.4	87.2	88.5	88.9	89.0	89.1	89.1	89.3	89.3	89.4	89.4
>= 500	30.0	72.0	77.1	81.3	85.3	87.0	89.4	91.4	92.0	92.5	92.8	92.8	93.0	93.0	93.1	93.1
>= 400	30.0	72.0	77.3	81.6	85.9	87.9	90.6	92.9	93.6	94.1	94.4	94.4	94.7	94.7	94.9	94.9
>= 300	30.0	72.0	77.3	81.8	86.1	88.2	91.2	94.1	94.9	95.9	96.5	96.8	97.3	97.3	97.5	97.5
>= 200	30.0	72.0	77.3	81.8	86.1	88.2	91.2	94.1	94.9	96.2	96.9	97.2	98.2	98.6	99.0	99.0
>= 100	30.0	72.0	77.3	81.8	86.1	88.2	91.2	94.1	94.9	96.2	96.9	97.2	98.3	98.7	99.4	99.8
>= 0	30.0	72.0	77.3	81.8	86.1	88.2	91.2	94.1	94.9	96.2	96.9	97.2	98.3	98.7	99.4	100.0

TOTAL NO. OF OBS : 966

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : NOV
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.0	42.1	42.3	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
>=20000	21.5	46.0	46.1	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
>=18000	21.6	46.1	46.2	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
>=16000	21.6	46.1	46.2	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
>=14000	22.1	46.7	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
>=12000	23.0	48.1	48.2	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
>=10000	24.4	51.5	51.9	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
>= 9000	24.7	52.5	52.8	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
>= 8000	26.2	56.0	56.3	56.4	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
>= 7000	26.9	57.2	57.5	57.6	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
>= 6000	27.2	58.2	58.5	58.6	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
>= 5000	27.6	59.6	60.0	60.1	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>= 4500	27.8	60.2	60.6	60.7	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>= 4000	29.0	62.5	63.0	63.2	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
>= 3500	30.4	65.2	65.8	66.0	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>= 3000	32.3	70.2	71.1	71.3	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>= 2500	33.3	72.4	73.5	73.7	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>= 2000	35.0	75.7	77.0	77.4	77.8	77.9	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
>= 1800	35.1	76.0	77.3	77.7	78.1	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>= 1500	35.4	78.1	79.8	80.2	80.9	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
>= 1200	36.0	79.6	81.6	82.0	82.9	83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>= 1000	36.1	80.6	82.9	83.6	84.4	84.7	84.9	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4
>= 900	36.1	80.7	83.0	83.9	84.8	85.1	85.4	85.6	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0
>= 800	36.3	81.0	83.6	85.2	86.4	86.7	87.1	87.4	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9
>= 700	36.3	81.3	84.1	86.5	88.0	88.5	89.2	89.6	90.0	90.2	90.4	90.5	90.5	90.5	90.5	90.5
>= 600	36.3	81.7	84.6	87.3	89.0	89.8	90.6	91.3	91.8	92.0	92.3	92.4	92.4	92.4	92.4	92.4
>= 500	36.3	81.7	84.7	87.5	89.5	90.2	91.3	92.3	93.0	93.5	93.9	94.0	94.0	94.0	94.0	94.0
>= 400	36.3	81.7	84.8	87.9	90.3	91.0	92.5	93.8	94.6	95.7	96.2	96.4	96.6	96.7	96.7	96.7
>= 300	36.3	81.7	84.8	87.9	90.3	91.1	92.9	94.5	95.7	97.1	98.0	98.2	98.7	98.8	98.8	98.8
>= 200	36.3	81.7	84.8	87.9	90.3	91.1	92.9	94.7	96.1	97.7	98.8	99.1	99.5	99.6	99.6	99.6
>= 100	36.3	81.7	84.8	87.9	90.3	91.1	92.9	94.7	96.1	97.7	98.8	99.1	99.5	99.7	100.0	100.0
>= 0	36.3	81.7	84.8	87.9	90.3	91.1	92.9	94.7	96.1	97.7	98.8	99.1	99.5	99.7	100.0	100.0

TOTAL NO. OF OBS : 968

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : NOV
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.9	45.5	45.8	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
>=20000	24.4	48.7	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
>=18000	24.6	49.0	49.3	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
>=16000	24.8	49.2	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
>=14000	25.4	50.0	50.4	50.5	50.5	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
>=12000	26.6	52.5	53.0	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
>=10000	28.1	55.6	56.1	56.3	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
>= 9000	28.4	56.3	56.9	57.0	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
>= 8000	29.0	57.9	58.6	58.9	59.0	59.1	59.2	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
>= 7000	29.6	59.3	60.0	60.3	60.4	60.5	60.6	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>= 6000	29.9	60.0	60.8	61.2	61.4	61.5	61.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
>= 5000	30.6	61.7	62.9	63.4	63.5	63.6	63.7	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
>= 4500	30.9	62.8	64.2	64.7	64.8	64.9	65.0	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
>= 4000	31.7	65.3	66.8	67.3	67.4	67.6	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
>= 3500	33.0	67.7	69.3	69.8	69.9	70.2	70.3	70.4	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.7
>= 3000	34.3	71.2	72.9	73.4	73.5	74.0	74.1	74.2	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5
>= 2500	35.1	73.9	75.6	76.4	76.7	77.2	77.3	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7
>= 2000	35.7	76.4	78.5	79.4	79.7	80.2	80.3	80.4	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7
>= 1800	35.8	76.7	78.9	79.8	80.2	80.7	80.8	80.9	81.0	81.1	81.1	81.1	81.3	81.3	81.3	81.3
>= 1500	36.4	78.7	81.3	82.5	82.9	83.4	83.6	83.7	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1
>= 1200	36.7	79.4	82.2	83.6	84.1	84.6	84.8	84.9	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2
>= 1000	36.9	80.6	83.5	85.1	85.9	86.7	87.2	87.3	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6
>= 900	36.9	80.7	83.6	85.4	86.4	87.2	87.7	87.8	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1
>= 800	36.9	81.5	84.7	86.8	88.2	89.1	89.7	89.8	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.2
>= 700	36.9	81.5	84.8	87.1	88.7	89.7	90.5	90.7	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2
>= 600	37.0	81.7	85.0	87.3	89.3	90.3	91.2	91.6	91.8	92.0	92.1	92.1	92.2	92.2	92.2	92.2
>= 500	37.0	81.7	85.0	87.4	89.6	90.6	92.1	92.9	93.1	93.8	94.0	94.0	94.1	94.1	94.1	94.1
>= 400	37.0	81.7	85.1	87.5	90.0	91.0	93.2	94.4	94.8	95.7	96.2	96.5	96.6	96.7	96.7	96.7
>= 300	37.0	81.7	85.2	87.7	90.3	91.5	93.6	95.0	95.5	96.9	97.4	97.6	98.0	98.1	98.1	98.1
>= 200	37.0	81.7	85.2	87.7	90.3	91.5	93.6	95.2	95.7	97.4	98.2	98.4	99.2	99.4	99.6	99.6
>= 100	37.0	81.7	85.2	87.7	90.3	91.5	93.6	95.2	95.7	97.4	98.2	98.4	99.3	99.5	99.8	100.0
>= 0	37.0	81.7	85.2	87.7	90.3	91.5	93.6	95.2	95.7	97.4	98.2	98.4	99.3	99.5	99.8	100.0

TOTAL NO. OF OBS : 960

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : NOV
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.3	49.5	50.2	50.5	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	51.0	51.0
>=20000	23.4	51.7	52.4	52.7	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.2	53.2
>=18000	23.4	51.8	52.5	52.8	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.4	53.4
>=16000	23.4	51.8	52.5	52.8	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.4	53.4
>=14000	23.8	52.2	53.0	53.4	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.9	53.9
>=12000	25.1	54.6	55.6	55.9	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.4	56.4
>=10000	26.4	58.6	59.7	60.3	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.8	60.8
>= 9000	26.6	59.1	60.3	60.9	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.4	61.4
>= 8000	27.6	61.6	63.0	63.6	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.2	64.2
>= 7000	27.8	63.0	64.4	65.0	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.5	65.5
>= 6000	27.9	64.0	65.4	66.2	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.9	66.9
>= 5000	28.5	66.1	67.5	68.3	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.1	69.1
>= 4500	29.0	67.5	68.9	69.7	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.4	70.4
>= 4000	29.4	68.4	69.8	70.8	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.5	71.5
>= 3500	30.0	70.0	71.4	72.3	72.5	72.5	72.9	72.9	72.9	72.9	73.0	73.0	73.1	73.1	73.2	73.2
>= 3000	30.7	72.2	73.9	75.1	75.3	75.3	75.6	75.7	75.8	75.8	75.9	75.9	76.0	76.0	76.1	76.1
>= 2500	31.1	74.1	76.0	77.4	77.7	77.7	78.1	78.2	78.3	78.3	78.4	78.4	78.5	78.5	78.6	78.6
>= 2000	31.2	75.1	77.4	78.9	79.5	79.5	79.9	80.0	80.1	80.1	80.2	80.2	80.3	80.3	80.4	80.4
>= 1800	31.3	75.3	77.6	79.1	79.7	79.7	80.1	80.2	80.3	80.3	80.4	80.4	80.5	80.5	80.6	80.6
>= 1500	32.2	77.0	79.4	81.2	81.8	81.8	82.2	82.3	82.4	82.4	82.5	82.5	82.6	82.6	82.7	82.7
>= 1200	32.6	78.7	81.3	83.3	84.0	84.0	84.5	84.6	84.7	84.7	84.8	84.8	84.9	84.9	85.0	85.0
>= 1000	32.8	79.5	82.3	84.4	85.1	85.1	85.8	86.0	86.2	86.2	86.3	86.3	86.5	86.5	86.6	86.6
>= 900	32.9	79.8	82.9	85.0	85.7	85.7	86.5	86.6	86.8	86.9	87.0	87.0	87.2	87.2	87.3	87.3
>= 800	32.9	80.1	83.5	85.8	86.9	86.9	87.7	87.8	88.2	88.3	88.4	88.4	88.6	88.6	88.7	88.7
>= 700	32.9	80.3	83.8	86.3	87.6	87.6	88.6	88.7	89.0	89.2	89.3	89.3	89.5	89.5	89.6	89.6
>= 600	32.9	80.5	84.0	86.6	88.2	88.3	89.5	89.7	90.0	90.3	90.4	90.4	90.6	90.6	90.7	90.7
>= 500	32.9	80.7	84.4	87.5	89.4	89.5	91.3	91.7	92.0	92.5	92.6	92.6	92.8	92.8	92.9	92.9
>= 400	32.9	80.8	84.9	88.1	90.5	90.9	92.8	93.5	93.8	94.4	94.5	94.5	94.8	94.8	94.9	94.9
>= 300	32.9	80.8	84.9	88.3	91.0	91.6	93.8	95.1	95.5	96.9	97.1	97.2	97.4	97.4	97.5	97.5
>= 200	32.9	80.8	84.9	88.3	91.2	91.8	94.0	95.6	96.0	97.4	97.6	97.7	98.0	98.0	98.3	98.3
>= 100	32.9	80.8	84.9	88.3	91.2	91.8	94.0	95.6	96.0	97.5	97.7	97.8	98.3	98.3	99.0	99.1
>= 0	32.9	80.8	84.9	88.3	91.2	91.8	94.0	95.6	96.0	97.5	97.7	97.8	98.3	98.3	99.0	100.0

TOTAL NO. OF OBS : 954

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : NOV
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.8	47.0	48.1	48.4	49.1	49.3	49.4	49.5	49.5	49.6	49.7	49.7	49.8	49.9	50.0	50.1
>=20000	22.8	47.8	48.8	49.1	49.9	50.0	50.1	50.2	50.2	50.3	50.4	50.4	50.6	50.7	50.9	51.0
>=18000	22.8	47.8	48.8	49.1	49.9	50.0	50.1	50.2	50.2	50.3	50.4	50.4	50.6	50.7	50.9	51.0
>=16000	22.8	47.8	48.8	49.1	49.9	50.0	50.1	50.2	50.2	50.3	50.4	50.4	50.6	50.7	50.9	51.0
>=14000	22.9	48.0	49.1	49.5	50.2	50.3	50.4	50.5	50.5	50.6	50.7	50.7	51.0	51.1	51.2	51.3
>=12000	23.6	49.1	50.4	50.7	51.5	51.6	51.7	51.8	51.8	51.9	52.0	52.0	52.2	52.3	52.4	52.6
>=10000	24.4	51.7	53.0	53.5	54.3	54.4	54.5	54.6	54.6	54.7	54.8	54.8	55.0	55.1	55.2	55.3
>= 9000	24.6	52.6	53.9	54.6	55.3	55.4	55.5	55.6	55.6	55.7	55.9	55.9	56.1	56.2	56.3	56.4
>= 8000	26.0	56.4	58.1	58.8	59.6	59.7	59.8	59.9	59.9	60.0	60.1	60.1	60.4	60.5	60.6	60.7
>= 7000	26.1	57.6	59.3	60.0	60.7	60.9	61.0	61.1	61.1	61.2	61.3	61.3	61.6	61.7	61.8	61.9
>= 6000	26.6	59.7	61.5	62.3	63.1	63.2	63.3	63.4	63.4	63.5	63.6	63.6	63.9	64.0	64.1	64.3
>= 5000	27.7	62.4	64.4	65.5	66.3	66.4	66.5	66.7	66.7	66.8	66.9	66.9	67.2	67.3	67.4	67.6
>= 4500	28.1	63.9	65.9	67.0	67.9	68.0	68.1	68.3	68.3	68.4	68.5	68.5	68.8	68.9	69.0	69.1
>= 4000	28.4	65.5	67.7	68.8	69.7	69.8	70.0	70.2	70.2	70.3	70.4	70.4	70.7	70.9	71.0	71.1
>= 3500	28.8	67.2	69.4	70.5	71.4	71.5	71.7	71.9	71.9	72.0	72.1	72.1	72.4	72.6	72.7	72.8
>= 3000	29.3	68.9	71.4	72.7	73.6	73.7	73.9	74.1	74.1	74.3	74.4	74.4	74.7	74.8	74.9	75.0
>= 2500	30.2	70.9	73.5	74.9	75.9	76.1	76.4	76.6	76.6	76.7	76.8	76.8	77.1	77.2	77.3	77.4
>= 2000	30.6	72.9	76.0	77.4	78.5	78.7	79.0	79.3	79.3	79.4	79.5	79.5	79.8	79.9	80.0	80.1
>= 1800	30.7	73.3	76.4	77.9	78.9	79.1	79.5	79.7	79.7	79.8	79.9	79.9	80.2	80.3	80.4	80.5
>= 1500	31.1	74.1	77.4	79.3	80.3	80.5	80.9	81.1	81.1	81.2	81.3	81.3	81.6	81.7	81.8	81.9
>= 1200	31.2	74.5	78.2	80.0	81.2	81.4	81.7	81.9	81.9	82.0	82.1	82.1	82.4	82.6	82.7	82.8
>= 1000	31.4	75.4	79.4	81.7	82.9	83.3	83.7	83.9	83.9	84.0	84.1	84.1	84.5	84.6	84.7	84.8
>= 900	31.4	75.5	79.5	81.9	83.1	83.6	84.0	84.3	84.3	84.4	84.5	84.5	84.8	84.9	85.0	85.1
>= 800	31.4	75.9	80.5	83.2	84.4	84.9	85.3	85.7	85.7	85.9	86.0	86.0	86.3	86.4	86.5	86.6
>= 700	31.4	76.2	81.0	83.7	85.4	86.1	86.6	87.0	87.0	87.1	87.2	87.2	87.6	87.7	87.8	87.9
>= 600	31.4	76.4	81.4	84.6	86.5	87.2	88.1	88.5	88.5	88.7	88.9	88.9	89.3	89.4	89.5	89.6
>= 500	31.4	76.7	81.9	85.3	87.4	88.5	89.8	90.4	90.4	90.7	91.0	91.0	91.3	91.4	91.5	91.6
>= 400	31.4	76.7	82.2	85.6	88.3	89.4	91.0	91.7	91.7	92.2	92.4	92.6	93.0	93.1	93.2	93.3
>= 300	31.4	76.7	82.4	86.3	89.1	90.6	92.4	93.4	93.4	94.1	94.8	94.9	95.4	95.5	95.6	95.7
>= 200	31.4	76.7	82.4	86.4	89.3	90.9	92.9	93.8	93.9	95.0	96.2	96.4	97.4	97.6	97.8	98.0
>= 100	31.4	76.7	82.4	86.4	89.3	90.9	92.9	93.8	93.9	95.1	96.3	96.5	97.6	97.8	98.2	98.8
>= 0	31.4	76.7	82.4	86.4	89.3	90.9	92.9	93.8	93.9	95.1	96.3	96.5	97.8	98.1	98.6	100.0

TOTAL NO. OF OBS : 940

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : NOV
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.9	43.8	44.6	45.1	45.7	45.8	46.1	46.2	46.2	46.4	46.4	46.4	46.5	46.5	46.6	46.7
>=20000	20.1	45.7	46.6	47.1	47.7	47.9	48.1	48.3	48.3	48.4	48.5	48.5	48.6	48.6	48.7	48.8
>=18000	20.2	45.8	46.6	47.2	47.8	47.9	48.2	48.3	48.3	48.5	48.5	48.5	48.6	48.6	48.7	48.8
>=16000	20.2	45.8	46.7	47.2	47.9	48.0	48.3	48.4	48.4	48.5	48.6	48.6	48.7	48.7	48.8	48.9
>=14000	20.5	46.3	47.2	47.8	48.4	48.5	48.8	48.9	49.0	49.1	49.2	49.2	49.3	49.3	49.4	49.5
>=12000	21.3	47.8	48.7	49.3	50.0	50.1	50.4	50.5	50.6	50.7	50.7	50.7	50.9	50.9	51.0	51.0
>=10000	22.3	51.0	52.0	52.7	53.4	53.6	53.9	54.0	54.1	54.2	54.3	54.3	54.4	54.4	54.5	54.6
>= 9000	22.6	51.6	52.7	53.4	54.2	54.3	54.6	54.8	54.9	55.0	55.0	55.0	55.2	55.2	55.3	55.4
>= 8000	23.5	54.5	55.7	56.6	57.4	57.6	57.9	58.1	58.2	58.3	58.4	58.4	58.5	58.5	58.7	58.7
>= 7000	24.0	55.9	57.1	58.1	58.9	59.1	59.4	59.6	59.7	59.8	59.9	59.9	60.0	60.1	60.2	60.2
>= 6000	24.3	57.2	58.4	59.4	60.2	60.5	60.8	61.1	61.1	61.2	61.3	61.3	61.5	61.5	61.6	61.7
>= 5000	25.1	59.4	60.9	62.0	62.9	63.2	63.6	63.8	63.9	64.0	64.1	64.1	64.2	64.3	64.4	64.4
>= 4500	25.4	60.5	62.1	63.2	64.1	64.4	64.8	65.1	65.1	65.3	65.3	65.3	65.5	65.5	65.6	65.7
>= 4000	26.1	62.5	64.1	65.3	66.3	66.6	67.0	67.3	67.3	67.5	67.6	67.6	67.7	67.8	67.9	67.9
>= 3500	26.9	64.3	66.0	67.3	68.3	68.6	69.0	69.3	69.3	69.5	69.6	69.6	69.8	69.8	69.9	70.0
>= 3000	27.;	66.9	68.9	70.3	71.3	71.7	72.1	72.4	72.5	72.6	72.7	72.7	72.9	72.9	73.1	73.1
>= 2500	28.4	68.9	71.1	72.6	73.8	74.1	74.6	74.9	75.0	75.2	75.3	75.3	75.5	75.5	75.6	75.7
>= 2000	29.1	71.0	73.5	75.2	76.4	76.8	77.4	77.7	77.7	77.9	78.0	78.0	78.2	78.2	78.4	78.4
>= 1800	29.2	71.3	73.8	75.5	76.8	77.2	77.7	78.0	78.1	78.3	78.4	78.4	78.6	78.6	78.7	78.8
>= 1500	29.7	73.0	75.8	77.7	79.2	79.6	80.1	80.5	80.6	80.8	80.9	80.9	81.1	81.1	81.2	81.3
>= 1200	30.0	73.9	76.9	79.0	80.5	81.0	81.6	81.9	82.0	82.2	82.3	82.3	82.5	82.5	82.6	82.7
>= 1000	30.2	74.8	78.1	80.4	82.1	82.7	83.4	83.9	84.0	84.2	84.3	84.3	84.5	84.5	84.6	84.7
>= 900	30.2	75.0	78.4	80.7	82.5	83.1	83.9	84.3	84.5	84.7	84.8	84.8	85.0	85.0	85.2	85.3
>= 800	30.2	75.3	79.1	81.7	83.8	84.5	85.5	86.0	86.1	86.4	86.5	86.6	86.8	86.8	86.9	87.0
>= 700	30.2	75.6	79.5	82.5	84.9	85.6	86.8	87.4	87.6	87.9	88.0	88.0	88.2	88.3	88.4	88.5
>= 600	30.3	75.8	79.8	83.0	85.7	86.5	87.9	88.6	88.9	89.3	89.5	89.5	89.7	89.8	89.9	90.0
>= 500	30.3	75.9	80.1	83.6	86.6	87.6	89.3	90.5	90.9	91.5	91.8	91.8	92.0	92.0	92.1	92.2
>= 400	30.3	76.0	80.4	83.9	87.3	88.4	90.5	92.0	92.4	93.3	93.6	93.7	94.0	94.1	94.2	94.3
>= 300	30.3	76.0	80.5	84.2	87.7	89.0	91.3	93.1	93.7	94.9	95.6	95.8	96.2	96.3	96.4	96.5
>= 200	30.3	76.0	80.5	84.3	87.9	89.1	91.5	93.4	94.1	95.5	96.4	96.6	97.4	97.5	97.8	98.0
>= 100	30.3	76.0	80.5	84.3	87.9	89.1	91.5	93.5	94.1	95.6	96.5	96.7	97.6	97.8	98.5	99.1
>= 0	30.3	76.0	80.5	84.3	87.9	89.1	91.5	93.5	94.1	95.6	96.6	96.7	97.7	97.9	98.7	100.0

TOTAL NO. OF OBS : 7334

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	1.3	2.6	.8	.2	.0	.0	.0	.0	.0	.0	6.2	7.4
NNE	.7	.7	.6	.8	.0	.0	.0	.0	.0	.0	.0	2.8	7.4
NE	.5	.2	.4	.6	.1	.0	.1	.0	.0	.0	.0	1.9	9.9
ENE	.6	.5	.2	.7	.0	.0	.0	.0	.0	.0	.0	2.0	7.8
E	.2	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	1.7	6.5
ESE	.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.5
SE	.4	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	1.1	6.7
SSE	1.3	.8	.2	.2	.0	.0	.0	.0	.0	.0	.0	2.6	4.6
S	2.6	2.5	.8	.2	.0	.0	.0	.0	.0	.0	.0	6.2	4.5
SSW	1.8	1.9	2.0	1.9	.2	.0	.0	.0	.0	.0	.0	7.8	7.8
SW	2.4	2.5	2.3	.6	.0	.0	.0	.0	.0	.0	.0	7.7	5.7
WSW	1.1	2.1	2.4	.6	.0	.0	.0	.0	.0	.0	.0	6.2	6.6
W	2.8	3.7	4.1	1.5	.7	.1	.0	.0	.0	.0	.0	13.0	7.5
WNW	.7	3.0	2.3	1.3	.4	.1	.0	.0	.0	.0	.0	7.7	8.2
NW	1.5	2.3	3.3	2.1	.4	.0	.0	.0	.0	.0	.0	9.6	8.2
NNW	.5	2.6	3.4	.9	.2	.0	.0	.0	.0	.0	.0	7.7	7.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.6	.0
ALL	18.7	25.7	25.6	12.8	2.3	.2	.1	.0	.0	.0	.0	100.0	6.1

TOTAL NO. OF OBS : 844

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.3	2.0	1.7	.4	.2	.1	.0	.0	.0	.0	.0	5.7	7.0
NNE	.7	.4	.9	.9	.0	.0	.0	.0	.0	.0	.0	3.0	8.4
NE	.2	.4	.4	.4	.1	.0	.0	.0	.0	.0	.0	1.4	8.9
ENE	.4	.5	.2	.7	.0	.0	.0	.0	.0	.0	.0	1.8	8.6
E	.7	.1	.9	.1	.1	.0	.0	.0	.0	.0	.0	2.0	6.9
ESE	.6	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.9	4.6
SE	.2	.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.4	6.3
SSE	.8	.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.9
S	2.8	1.9	1.1	.1	.0	.0	.0	.0	.0	.0	.0	5.9	4.2
SSW	1.4	3.3	2.8	.4	.1	.1	.0	.0	.0	.0	.0	8.2	6.6
SW	1.2	2.7	2.0	.9	.1	.0	.0	.0	.0	.0	.0	7.0	6.5
WSW	2.0	2.3	2.5	.8	.2	.0	.0	.0	.0	.0	.0	7.8	6.5
W	1.2	4.5	3.2	1.1	.2	.0	.0	.0	.0	.0	.0	10.2	6.9
WNW	1.4	2.0	2.7	1.4	.4	.0	.0	.0	.0	.0	.0	7.9	7.8
NW	2.0	3.0	2.6	3.0	.2	.0	.0	.0	.0	.0	.0	10.8	7.9
NNW	1.8	2.4	2.6	1.2	.2	.0	.0	.0	.0	.0	.0	8.2	7.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.5	.0
ALL	18.8	26.8	25.1	11.5	2.0	.2	.0	.0	.0	.0	.0	100.0	5.8

TOTAL NO. OF OBS : 844

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.1	1.8	2.0	1.2	.4	.0	.0	.0	.0	.0	.0	6.4	7.9
NNE	.5	.1	1.4	.5	.2	.0	.1	.0	.0	.0	.0	2.7	9.5
NE	.2	1.0	.4	.4	.1	.0	.0	.0	.0	.0	.0	2.1	8.0
ENE	.5	.2	.3	.5	.2	.0	.0	.0	.0	.0	.0	1.7	8.7
E	.3	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.0	7.8
ESE	.3	.0	.6	.3	.0	.0	.0	.0	.0	.0	.0	1.2	7.8
SE	.3	.2	.7	.4	.0	.1	.0	.0	.0	.0	.0	1.7	9.2
SSE	.6	.5	.3	.3	.1	.0	.0	.0	.0	.0	.0	1.8	6.7
S	2.9	2.1	1.0	.4	.0	.0	.0	.0	.0	.0	.0	6.4	4.5
SSW	1.4	2.2	2.9	1.4	.1	.0	.0	.0	.0	.0	.0	7.9	7.4
SW	1.2	3.2	1.7	.6	.0	.0	.0	.0	.0	.0	.0	6.6	6.0
WSW	1.2	2.8	2.8	.7	.1	.0	.0	.0	.0	.0	.0	7.6	6.9
W	1.8	3.3	3.2	1.5	.2	.0	.0	.0	.0	.0	.0	10.0	7.2
WNW	1.8	3.2	1.9	2.3	.2	.0	.0	.0	.0	.0	.0	9.4	7.6
NW	2.2	2.9	2.7	1.3	.6	.2	.0	.0	.0	.0	.0	10.0	7.9
NNW	1.8	2.8	2.3	1.5	.3	.1	.0	.0	.0	.0	.0	8.8	7.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0	.0
ALL	17.9	26.4	24.4	13.4	2.4	.4	.1	.0	.0	.0	.0	100.0	6.2

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : DEC
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.3	3.1	3.4	1.0	.2	.1	.0	.0	.0	.0	.0	9.1	7.3
NNE	.8	1.4	1.1	.4	.3	.0	.0	.1	.0	.0	.0	4.0	7.8
NE	.7	.6	.6	.9	.0	.0	.0	.0	.0	.0	.0	2.7	7.6
ENE	.3	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.5	6.5
E	.3	.3	.5	.1	.0	.1	.0	.0	.0	.0	.0	1.3	7.5
ESE	.3	.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	1.2	6.5
SE	.6	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.9	4.2
SSE	.4	.7	.5	.5	.1	.0	.0	.0	.0	.0	.0	2.2	8.0
S	1.6	2.3	1.3	.5	.2	.0	.0	.0	.0	.0	.0	5.8	6.2
SSW	.8	2.0	2.1	1.3	.3	.0	.0	.0	.0	.0	.0	6.4	8.1
SW	.6	2.3	2.3	1.8	.3	.0	.0	.0	.0	.0	.0	7.2	8.3
WSW	.9	1.9	3.3	1.6	.3	.0	.0	.0	.0	.0	.0	7.9	8.3
W	1.3	2.4	5.4	4.0	.6	.0	.0	.0	.0	.0	.0	13.7	9.3
WNW	.3	2.0	4.6	3.3	.7	.1	.0	.0	.0	.0	.0	11.0	9.9
NW	.6	1.8	2.6	3.6	.7	.3	.0	.0	.0	.0	.0	9.6	10.5
NNW	1.6	2.2	3.2	2.1	1.0	.2	.1	.0	.0	.0	.0	10.3	9.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	.0
ALL	12.1	23.7	31.8	21.4	4.6	.8	.1	.1	.0	.0	.0	100.0	8.1

TOTAL NO. OF OBS : 1022

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.7	3.1	2.4	1.7	.1	.1	.1	.0	.0	.0	.0	8.2	8.2
NNE	.8	.7	1.6	.7	.2	.0	.0	.0	.0	.0	.0	3.9	7.9
NE	.4	1.0	1.0	1.0	.2	.1	.0	.0	.0	.0	.0	3.6	8.8
ENE	.1	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.2	6.1
E	.0	.9	1.0	.2	.0	.0	.0	.0	.0	.0	.0	2.1	7.3
ESE	.4	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.7	6.9
SE	.2	.5	.2	.3	.0	.1	.0	.0	.0	.0	.0	1.3	8.5
SSE	.4	.5	.7	.3	.1	.1	.0	.0	.0	.0	.0	2.1	8.4
S	1.0	1.6	2.3	.6	.1	.0	.0	.0	.0	.0	.0	5.6	7.3
SSW	.4	2.0	3.1	1.7	.3	.3	.0	.0	.0	.0	.0	7.7	9.3
SW	.6	1.4	2.5	1.8	.0	.0	.0	.0	.0	.0	.0	6.3	8.4
WSW	.2	1.6	3.1	2.6	.1	.0	.0	.0	.0	.0	.0	7.6	9.7
W	.7	2.7	4.3	4.5	1.2	.4	.0	.0	.0	.0	.0	13.8	10.6
WNW	1.0	1.8	2.7	5.4	.9	.2	.0	.0	.0	.0	.0	11.9	10.8
NW	.5	1.5	3.5	4.0	1.1	.2	.2	.0	.0	.0	.0	10.9	11.1
NNW	.6	2.1	2.0	2.3	.9	.1	.0	.0	.0	.0	.0	7.9	10.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	.0
ALL	7.8	22.4	31.3	27.3	5.1	1.6	.3	.0	.0	.0	.0	100.0	9.1

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.8	2.6	2.1	.5	.1	.1	.0	.0	.0	.0	.0	6.2	7.3
NNE	1.0	1.3	1.2	.8	.2	.0	.0	.0	.0	.0	.0	4.4	7.3
NE	.6	1.2	.5	.5	.1	.1	.0	.0	.0	.0	.0	2.9	7.3
ENE	1.0	.7	.7	.3	.0	.0	.0	.0	.0	.0	.0	2.6	6.1
E	.9	1.3	.9	.2	.0	.0	.0	.0	.0	.0	.0	3.2	5.7
ESE	.4	.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	1.1	5.6
SE	.2	.3	.6	.1	.0	.0	.0	.0	.0	.0	.0	1.2	7.3
SSE	.5	.9	.2	.3	.0	.2	.0	.0	.0	.0	.0	2.1	7.4
S	1.8	2.2	1.9	.5	.3	.1	.0	.0	.0	.0	.0	6.7	6.7
SSW	1.0	3.1	2.2	1.0	.1	.0	.1	.0	.0	.0	.0	7.5	7.3
SW	.7	2.0	2.6	1.3	.0	.0	.0	.0	.0	.0	.0	6.5	7.7
WSW	.8	2.2	2.6	1.0	.1	.1	.0	.0	.0	.0	.0	6.7	7.5
W	2.5	2.8	3.9	3.3	.6	.1	.0	.0	.0	.0	.0	13.3	8.3
WNW	.8	2.4	4.4	4.0	.4	.0	.0	.0	.0	.0	.0	12.0	9.3
NW	1.0	2.2	3.8	3.0	.6	.2	.0	.0	.0	.0	.0	10.9	9.4
NNW	.6	1.3	1.4	1.2	.6	.1	.0	.0	.0	.0	.0	5.1	9.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	.0
ALL	14.4	26.9	29.0	18.1	3.0	1.0	.1	.0	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 1023

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : DEC
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.8	1.1	2.1	.9	.2	.0	.0	.0	.0	.0	.0	5.0	7.9
NNE	.5	.4	1.0	.3	.2	.0	.0	.0	.0	.0	.0	2.3	7.9
NE	.4	.3	.6	.5	.1	.0	.0	.0	.0	.0	.0	1.9	8.4
ENE	.5	.6	.6	.2	.1	.0	.0	.0	.0	.0	.0	2.0	6.8
E	.6	.8	.4	.2	.1	.1	.0	.0	.0	.0	.0	2.2	6.8
ESE	.6	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	1.2	5.0
SE	.4	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.5	5.1
SSE	.8	.9	.3	.5	.0	.1	.0	.0	.0	.0	.0	2.5	6.7
S	2.2	1.9	1.3	.7	.0	.0	.0	.0	.0	.0	.0	6.0	5.5
SSW	1.5	2.4	2.5	1.2	.2	.1	.0	.0	.0	.0	.0	7.9	7.6
SW	2.3	2.8	2.8	.8	.0	.0	.0	.0	.0	.0	.0	8.7	6.1
WSW	1.4	2.0	1.5	1.1	.0	.1	.0	.0	.0	.0	.0	6.0	6.9
W	1.6	2.8	3.8	1.6	.5	.0	.0	.0	.0	.0	.0	10.3	7.7
WNW	.6	2.2	3.1	3.1	.3	.1	.0	.0	.0	.0	.0	9.4	9.4
NW	.9	2.0	2.9	2.2	.5	.2	.0	.0	.0	.0	.0	8.6	9.3
NNW	1.0	1.4	2.3	1.8	.9	.1	.0	.0	.0	.0	.0	7.4	9.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.2	.0
ALL	15.8	22.3	25.7	15.2	3.0	.8	.0	.0	.0	.0	.0	100.0	6.4

TOTAL NO. OF OBS : 1022

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

U14790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : DEC
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.8	1.9	1.7	1.1	.2	.0	.0	.0	.0	.0	.0	5.7	7.8
NNE	.2	.3	.8	.3	.0	.1	.0	.0	.0	.0	.0	1.7	9.1
NE	.1	.8	.6	.8	.1	.1	.0	.0	.0	.0	.0	2.5	9.3
ENE	.3	.6	.5	.3	.0	.0	.0	.0	.0	.0	.0	1.7	6.9
E	.3	.6	.5	.3	.1	.0	.0	.0	.0	.0	.0	1.8	7.8
ESE	.6	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	1.0	6.6
SE	.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.3
SSE	.7	.4	.9	.4	.0	.0	.0	.0	.0	.0	.0	2.4	7.1
S	2.6	2.1	1.0	.4	.0	.0	.0	.0	.0	.0	.0	6.1	4.8
SSW	1.5	1.8	3.1	1.3	.4	.1	.0	.0	.0	.0	.0	8.2	8.0
SW	1.0	2.6	1.4	1.2	.0	.0	.0	.0	.0	.0	.0	6.2	6.9
WSW	1.4	2.4	1.9	.6	.0	.0	.0	.0	.0	.0	.0	6.3	6.2
W	1.8	3.6	3.9	2.3	.2	.0	.0	.0	.0	.0	.0	11.8	7.8
WNW	1.3	1.8	2.8	1.8	.1	.1	.1	.0	.0	.0	.0	8.0	8.5
NW	1.2	2.5	2.9	2.2	.9	.0	.0	.0	.0	.0	.0	9.7	9.0
NNW	.5	1.4	2.8	2.4	.2	.0	.0	.0	.0	.0	.0	7.3	9.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.5	.0
ALL	14.5	23.6	25.1	15.5	2.2	.5	.1	.0	.0	.0	.0	100.0	6.3

TOTAL NO. OF OBS : 997

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.0	2.1	2.2	.9	.2	.1	.0*	.0	.0	.0	.0	6.6	7.6
NNE	.6	.7	1.1	.6	.1	.0*	.0*	.0*	.0	.0	.0	3.1	8.0
NE	.4	.7	.6	.6	.1	.0*	.0*	.0	.0	.0	.0	2.4	8.4
ENE	.4	.5	.4	.4	.0*	.0	.0	.0	.0	.0	.0	1.8	7.1
E	.4	.6	.6	.2	.0*	.0*	.0	.0	.0	.0	.0	1.9	6.9
ESE	.4	.3	.3	.2	.0	.0*	.0	.0	.0	.0	.0	1.2	6.1
SE	.3	.4	.3	.2	.0	.0*	.0	.0	.0	.0	.0	1.2	6.7
SSE	.7	.7	.5	.3	.0*	.1	.0	.0	.0	.0	.0	2.2	6.7
S	2.2	2.1	1.3	.4	.1	.0*	.0	.0	.0	.0	.0	6.1	5.5
SSW	1.2	2.3	2.6	1.3	.2	.1	.0*	.0	.0	.0	.0	7.7	7.8
SW	1.2	2.4	2.2	1.1	.1	.0	.0	.0	.0	.0	.0	7.0	7.0
WSW	1.1	2.1	2.5	1.1	.1	.0*	.0	.0	.0	.0	.0	7.0	7.4
W	1.7	3.2	4.0	2.5	.5	.1	.0	.0	.0	.0	.0	12.0	8.3
WNW	1.0	2.3	3.1	2.9	.4	.1	.0*	.0	.0	.0	.0	9.8	9.1
NW	1.2	2.2	3.1	2.7	.6	.1	.0*	.0	.0	.0	.0	10.0	9.2
NNW	1.0	2.0	2.5	1.7	.6	.1	.0*	.0	.0	.0	.0	7.8	8.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.1	.0
ALL	14.8	24.6	27.4	17.1	3.1	.7	.1	.0*	.0	.0	.0	100.0	7.0

TOTAL NO. OF OBS : 7798

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : ANN
HOUR : ALL

PERCENTAGE FREQUENCY OF WIND
DIRECTION VS SPEED
(FROM HOURLY OBSERVATIONS)

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.0	1.9	1.9	.8	.1	.0*	.0*	.0*	.0	.0	.0	5.7	7.2
NNE	.7	1.4	1.6	.8	.2	.1	.0*	.0*	.0	.0	.0	4.8	8.3
NE	.6	1.2	1.1	.6	.2	.1	.0*	.0*	.0	.0	.0	3.7	8.0
ENE	.6	.9	.8	.4	.1	.0*	.0	.0	.0	.0	.0	2.8	7.1
E	.8	1.1	.7	.3	.0*	.0*	.0*	.0*	.0	.0	.0	3.0	5.9
ESE	.5	.8	.5	.2	.0*	.0*	.0	.0	.0*	.0	.0	1.9	5.9
SE	.5	.7	.4	.1	.0*	.0*	.0*	.0	.0	.0	.0	1.8	5.8
SSE	.9	.9	.6	.2	.0*	.0*	.0*	.0	.0	.0	.0	2.7	5.7
S	2.4	3.3	2.6	.9	.1	.0*	.0*	.0	.0	.0	.0	9.3	6.2
SSW	1.4	3.1	3.7	1.8	.2	.0*	.0*	.0	.0	.0	.0	10.2	7.7
SW	1.0	2.2	2.5	1.0	.1	.0*	.0*	.0	.0	.0	.0	6.8	7.4
WSW	1.0	1.8	1.9	.8	.1	.0*	.0*	.0	.0	.0	.0	5.6	7.2
W	1.5	2.9	3.3	1.8	.3	.0*	.0*	.0	.0	.0	.0	9.8	7.8
WNW	.9	1.8	2.5	2.0	.4	.1	.0*	.0	.0	.0	.0	7.7	8.9
NW	.9	1.7	2.1	1.7	.4	.1	.0*	.0	.0	.0	.0	6.8	8.7
NNW	.8	1.5	1.6	1.1	.3	.0*	.0*	.0*	.0	.0*	.0	5.2	8.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	.0
ALL	15.3	27.2	27.9	14.5	2.5	.5	.1	.0*	.0*	.0*	.0	100.0	6.6

TOTAL NO. OF OBS : 90469

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : DEC
CLASS : ALL WEATHER — HOUR : 0100 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

	VISIBILITY (STATUTE MILES)															
CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.2	47.3	47.9	48.2	48.3	48.4	48.7	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.2	49.2
>=20000	18.2	48.6	49.2	49.5	49.6	49.7	50.2	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.7	50.7
>=18000	18.2	48.7	49.3	49.6	49.7	49.8	50.3	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.8	50.8
>=16000	18.2	48.7	49.3	49.6	49.7	49.8	50.3	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.8	50.8
>=14000	18.2	48.7	49.3	49.6	49.7	49.8	50.3	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.8	50.8
>=12000	18.8	49.8	50.4	50.7	50.9	51.0	51.5	51.6	51.6	51.8	51.8	51.8	51.8	51.8	52.0	52.0
>=10000	20.1	52.4	53.0	53.3	53.5	53.6	54.1	54.2	54.2	54.5	54.5	54.5	54.5	54.5	54.6	54.6
>= 9000	20.1	53.4	54.0	54.2	54.5	54.6	55.1	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.5	55.5
>= 8000	20.6	55.3	56.1	56.5	56.7	56.9	57.3	57.4	57.4	57.8	57.8	57.8	57.8	57.8	57.9	57.9
>= 7000	20.9	57.0	57.9	58.3	58.5	58.6	59.1	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.7	59.7
>= 6000	21.1	58.0	59.2	59.6	60.0	60.1	60.5	60.7	60.7	61.0	61.0	61.0	61.0	61.0	61.1	61.1
>= 5000	21.7	59.7	61.1	61.6	62.1	62.2	62.7	62.8	62.8	63.2	63.2	63.2	63.2	63.2	63.3	63.3
>= 4500	22.2	61.7	63.3	63.8	64.2	64.4	64.8	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.4	65.4
>= 4000	22.6	63.8	65.3	65.8	66.4	66.5	67.0	67.1	67.1	67.5	67.5	67.5	67.5	67.5	67.6	67.6
>= 3500	23.1	65.1	66.6	67.1	67.7	67.8	68.3	68.4	68.4	68.8	68.8	68.8	68.8	68.8	68.9	68.9
>= 3000	23.6	67.6	69.5	70.0	70.6	70.7	71.3	71.5	71.5	71.9	71.9	71.9	71.9	71.9	72.0	72.0
>= 2500	23.8	69.6	71.9	72.5	73.1	73.2	73.9	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.6	74.6
>= 2000	24.4	71.4	74.3	75.0	75.6	75.7	76.5	76.9	76.9	77.4	77.4	77.4	77.4	77.4	77.5	77.5
>= 1800	24.7	72.1	75.0	75.7	76.4	76.5	77.4	77.7	77.7	78.2	78.2	78.2	78.2	78.2	78.3	78.3
>= 1500	25.0	73.7	76.8	77.5	78.4	78.5	79.5	79.9	79.9	80.3	80.3	80.3	80.3	80.3	80.5	80.5
>= 1200	25.1	74.7	78.1	79.3	80.5	80.6	81.8	82.1	82.1	82.6	82.6	82.6	82.6	82.6	82.7	82.7
>= 1000	25.4	75.4	79.1	80.6	81.9	82.0	83.4	83.9	83.9	84.4	84.4	84.4	84.4	84.4	84.5	84.5
>= 900	25.5	75.7	79.4	80.8	82.2	82.4	83.8	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.9	84.9
>= 800	25.5	75.8	79.6	81.0	83.1	83.2	84.9	85.6	85.6	86.1	86.1	86.1	86.1	86.1	86.2	86.2
>= 700	25.5	75.9	79.7	81.4	83.6	83.8	85.6	86.7	86.7	87.2	87.2	87.2	87.2	87.2	87.4	87.4
>= 600	25.5	76.3	80.2	82.0	84.5	84.9	86.9	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.8	88.8
>= 500	25.5	76.4	81.0	83.0	86.1	86.5	88.7	89.9	89.9	91.2	91.2	91.2	91.2	91.2	91.3	91.3
>= 400	25.5	76.4	81.2	83.1	86.2	86.8	89.6	91.1	91.1	92.6	92.6	92.6	92.8	92.8	93.1	93.1
>= 300	25.5	76.4	81.2	83.2	86.8	87.4	90.7	92.4	92.4	94.3	94.3	94.4	95.4	95.4	95.7	95.7
>= 200	25.5	76.5	81.3	83.6	87.1	87.7	91.3	93.2	93.2	95.5	95.9	96.1	97.1	97.1	97.7	97.9
>= 100	25.5	76.5	81.3	83.6	87.1	87.7	91.3	93.2	93.2	95.6	96.1	96.3	97.6	97.6	98.7	99.2
>= 0	25.5	76.5	81.3	83.6	87.1	87.7	91.3	93.2	93.2	95.6	96.1	96.3	97.6	97.6	98.7	100.0

TOTAL NO. OF OBS : 839

2 - CEILING VS VISIBILITY

U14790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : DEC
CLASS : ALL WEATHER — HOUR : 0400 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.0	47.2	47.5	48.1	48.1	48.4	48.5	48.5	48.5	48.6	48.6	48.6	48.7	48.7	48.7	48.7
>=20000	19.0	48.4	48.7	49.3	49.3	49.6	49.7	49.7	49.7	49.8	49.8	49.8	49.9	49.9	49.9	50.1
>=18000	19.0	48.5	48.9	49.5	49.5	49.7	49.8	49.8	49.8	49.9	49.9	49.9	50.1	50.1	50.1	50.2
>=16000	19.0	48.5	48.9	49.5	49.5	49.7	49.8	49.8	49.8	49.9	49.9	49.9	50.1	50.1	50.1	50.2
>=14000	19.0	48.7	49.1	49.7	49.7	49.9	50.1	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.4
>=12000	19.5	49.8	50.2	50.8	50.8	51.0	51.1	51.1	51.1	51.3	51.3	51.3	51.4	51.4	51.4	51.5
>=10000	20.7	53.2	53.5	54.1	54.1	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.9	54.9	54.9	55.0
>= 9000	21.0	54.1	54.5	55.1	55.1	55.4	55.6	55.6	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.9
>= 8000	21.7	56.3	56.8	57.4	57.4	57.7	57.8	57.8	57.8	58.0	58.0	58.0	58.1	58.1	58.1	58.2
>= 7000	22.0	57.8	58.4	59.0	59.0	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.8	59.8	59.8	59.9
>= 6000	22.2	58.8	59.4	60.0	60.0	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.7	60.7	60.7	60.8
>= 5000	22.3	60.2	61.0	61.7	61.7	62.0	62.2	62.2	62.2	62.3	62.4	62.4	62.5	62.5	62.5	62.6
>= 4500	22.5	61.4	62.2	63.0	63.0	63.4	63.5	63.5	63.6	63.7	63.8	63.8	64.0	64.0	64.0	64.1
>= 4000	22.9	63.7	64.6	65.5	65.7	66.1	66.2	66.2	66.3	66.5	66.6	66.6	66.7	66.7	66.7	66.8
>= 3500	23.2	65.5	66.5	67.5	67.8	68.1	68.3	68.3	68.4	68.5	68.6	68.6	68.7	68.7	68.7	68.9
>= 3000	24.1	68.0	69.1	70.5	70.8	71.1	71.3	71.3	71.4	71.5	71.6	71.6	71.7	71.7	71.7	71.9
>= 2500	24.6	70.5	71.9	73.4	73.8	74.1	74.3	74.3	74.4	74.5	74.6	74.6	74.7	74.7	74.7	74.9
>= 2000	25.3	72.3	73.8	75.3	75.8	76.2	76.3	76.4	76.5	76.8	76.9	76.9	77.0	77.0	77.0	77.1
>= 1800	25.3	72.7	74.4	75.9	76.4	76.8	76.9	77.0	77.1	77.4	77.5	77.5	77.6	77.6	77.6	77.7
>= 1500	25.5	74.4	76.2	77.7	78.2	78.7	78.8	78.9	79.0	79.4	79.5	79.5	79.6	79.6	79.6	79.8
>= 1200	25.5	75.4	77.2	78.8	79.3	79.8	79.9	80.1	80.2	80.6	80.7	80.7	80.8	80.8	80.8	81.0
>= 1000	25.6	76.9	78.9	80.7	81.6	82.2	82.3	82.5	82.6	83.1	83.2	83.2	83.4	83.4	83.4	83.5
>= 900	25.6	77.1	79.2	81.1	81.9	82.5	82.8	83.0	83.1	83.6	83.8	83.8	84.0	84.0	84.0	84.1
>= 800	25.6	77.2	79.4	81.7	82.6	83.2	83.7	84.1	84.2	84.8	85.0	85.0	85.1	85.1	85.1	85.3
>= 700	25.7	77.8	80.4	82.9	84.0	84.7	85.1	85.5	85.6	86.3	86.6	86.6	86.7	86.7	86.7	86.8
>= 600	25.7	77.8	80.6	83.2	84.6	85.5	86.1	86.7	86.8	87.7	87.9	88.0	88.3	88.3	88.3	88.4
>= 500	25.7	77.8	81.0	83.7	85.5	86.7	87.5	88.3	88.4	89.6	89.8	89.9	90.2	90.2	90.2	90.3
>= 400	25.7	78.0	81.2	84.3	86.6	87.8	89.2	90.1	90.2	91.6	91.9	92.0	92.2	92.2	92.2	92.3
>= 300	25.7	78.0	81.2	84.6	86.9	88.3	89.8	90.9	91.0	93.1	93.5	93.9	94.1	94.1	94.1	94.3
>= 200	25.7	78.0	81.3	84.9	87.4	89.0	90.7	92.1	92.3	95.0	95.8	96.2	96.9	96.9	97.0	97.1
>= 100	25.7	78.0	81.3	84.9	87.4	89.0	90.8	92.2	92.5	95.2	96.0	96.4	97.1	97.1	97.7	98.3
>= 0	25.7	78.0	81.3	84.9	87.4	89.0	90.8	92.2	92.5	95.2	96.0	96.4	97.1	97.1	97.7	100.0

TOTAL NO. OF OBS : 835

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : DEC
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : *NONE SPECIFIED*

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.1	42.0	44.2	44.9	45.8	46.0	46.3	46.6	46.6	46.8	46.8	46.8	46.9	46.9	46.9	47.3
>=20000	20.9	44.5	46.7	47.4	48.3	48.5	48.8	49.1	49.1	49.3	49.3	49.3	49.4	49.4	49.4	49.9
>=18000	20.9	44.5	46.7	47.5	48.4	48.6	48.9	49.2	49.2	49.4	49.4	49.4	49.5	49.5	49.5	50.0
>=16000	20.9	44.5	46.7	47.5	48.4	48.6	48.9	49.2	49.2	49.4	49.4	49.4	49.5	49.5	49.5	50.0
>=14000	21.2	44.9	47.1	47.9	48.8	49.0	49.3	49.6	49.6	49.8	49.8	49.8	49.9	49.9	49.9	50.3
>=12000	21.8	46.2	48.4	49.2	50.0	50.2	50.5	50.8	50.8	51.0	51.0	51.0	51.1	51.1	51.1	51.6
>=10000	23.1	49.7	51.8	52.6	53.6	53.8	54.2	54.5	54.5	54.7	54.7	54.7	54.8	54.8	54.8	55.3
>= 9000	23.4	50.2	52.4	53.2	54.2	54.4	54.8	55.1	55.1	55.3	55.3	55.3	55.4	55.4	55.4	55.9
>= 8000	24.4	52.8	55.0	55.9	56.9	57.1	57.6	57.9	57.9	58.1	58.1	58.1	58.2	58.2	58.2	58.7
>= 7000	24.9	54.6	56.8	57.8	58.8	59.0	59.4	59.8	59.8	60.0	60.0	60.0	60.1	60.1	60.1	60.6
>= 6000	25.0	55.2	57.4	58.4	59.3	59.5	60.0	60.4	60.4	60.7	60.7	60.7	60.8	60.8	60.8	61.3
>= 5000	25.9	57.6	59.7	60.7	61.8	62.1	62.6	63.1	63.1	63.6	63.6	63.6	63.7	63.7	63.8	64.3
>= 4500	26.1	58.3	60.7	61.9	63.0	63.3	63.8	64.4	64.4	64.9	64.9	64.9	65.0	65.0	65.1	65.6
>= 4000	26.8	60.0	62.5	63.8	64.9	65.2	65.7	66.3	66.3	66.8	66.8	66.8	66.9	66.9	67.0	67.5
>= 3500	27.2	61.3	63.8	65.3	66.7	67.0	67.5	68.1	68.1	68.7	68.7	68.7	68.8	68.8	68.9	69.4
>= 3000	28.3	63.8	66.9	68.3	69.9	70.2	70.9	71.6	71.6	72.3	72.4	72.4	72.5	72.5	72.6	73.1
>= 2500	28.6	65.6	68.8	70.4	72.3	72.6	73.3	74.0	74.0	74.7	74.8	74.8	74.9	74.9	75.1	75.6
>= 2000	29.3	68.1	71.4	73.3	75.3	75.6	76.3	77.1	77.1	77.7	77.9	77.9	78.0	78.0	78.2	78.7
>= 1800	29.4	68.5	71.9	73.8	75.8	76.1	76.8	77.5	77.5	78.2	78.4	78.4	78.5	78.5	78.7	79.2
>= 1500	29.6	69.8	73.5	75.7	77.6	78.0	78.9	79.7	79.7	80.4	80.6	80.6	80.7	80.7	80.9	81.4
>= 1200	29.9	70.7	74.5	76.8	78.7	79.1	80.0	80.9	80.9	81.7	81.9	81.9	82.0	82.0	82.2	82.7
>= 1000	29.9	71.6	75.[illegible]	77.7	79.7	80.3	81.2	82.2	82.2	83.0	83.2	83.2	83.3	83.3	83.5	84.0
>= 900	29.9	71.6	75.5	77.9	80.1	80.7	81.6	82.7	82.7	83.5	83.7	83.7	83.8	83.8	84.0	84.5
>= 800	29.9	72.1	76.4	79.0	81.2	81.8	82.9	84.1	84.1	84.9	85.1	85.1	85.3	85.3	85.6	86.1
>= 700	29.9	72.3	76.7	79.3	81.7	82.5	83.9	85.2	85.3	86.2	86.4	86.5	86.7	86.8	87.1	87.6
>= 600	30.0	72.4	76.8	79.5	82.3	83.2	84.9	86.7	86.8	88.0	88.5	88.6	88.8	88.9	89.2	89.7
>= 500	30.0	72.6	77.1	79.9	83.2	84.3	86.4	89.0	89.1	90.3	91.0	91.1	91.3	91.4	91.9	92.5
>= 400	30.0	72.6	77.1	80.0	83.6	84.8	87.2	90.2	90.3	91.7	92.5	92.7	92.9	93.0	93.6	94.2
>= 300	30.0	72.6	77.1	80.1	83.7	84.9	87.4	91.1	91.3	92.9	94.0	94.2	94.5	94.6	95.5	96.0
>= 200	30.0	72.6	77.1	80.1	83.7	84.9	87.5	91.3	91.6	93.4	94.8	95.1	95.5	95.6	97.0	97.7
>= 100	30.0	72.6	77.1	80.1	83.7	84.9	87.5	91.3	91.6	93.5	95.0	95.4	96.0	96.1	97.7	99.1
>= 0	30.0	72.6	77.1	80.1	83.7	84.9	87.5	91.3	91.6	93.5	95.0	95.4	96.0	96.1	97.8	100.0

TOTAL NO. OF OBS : 1011

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : DEC
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.4	42.0	43.1	44.1	45.0	45.1	45.4	45.4	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7
>=20000	22.1	44.5	45.8	46.8	47.7	47.8	48.1	48.1	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4
>=18000	22.1	44.7	46.0	47.0	47.9	48.0	48.3	48.3	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6
>=16000	22.2	44.8	46.1	47.1	48.0	48.1	48.4	48.4	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7
>=14000	22.6	45.6	47.0	48.1	49.0	49.1	49.4	49.4	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7
>=12000	23.5	48.0	49.4	50.4	51.3	51.4	51.7	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0
>=10000	24.9	51.6	53.2	54.4	55.5	55.6	55.9	55.9	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2
>= 9000	25.0	52.6	54.2	55.4	56.5	56.6	56.9	56.9	56.9	57.1	57.2	57.2	57.2	57.2	57.2	57.2
>= 8000	26.0	55.7	57.4	58.7	59.8	59.9	60.2	60.2	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5
>= 7000	26.7	57.6	59.6	60.9	62.1	62.2	62.5	62.6	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9
>= 6000	27.0	58.3	60.3	61.6	62.9	63.0	63.3	63.4	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7
>= 5000	27.2	59.8	62.1	63.4	65.2	65.3	65.6	65.9	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2
>= 4500	27.3	60.6	62.9	64.3	66.1	66.2	66.5	66.8	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1
>= 4000	27.9	62.4	64.7	66.2	68.0	68.2	68.6	68.9	68.9	69.1	69.3	69.3	69.3	69.3	69.4	69.4
>= 3500	28.3	63.9	66.3	68.0	69.8	70.0	70.3	70.6	70.6	70.8	71.0	71.0	71.0	71.0	71.1	71.1
>= 3000	29.3	67.0	69.6	71.3	73.1	73.6	74.3	74.6	74.6	74.8	75.0	75.0	75.0	75.0	75.1	75.1
>= 2500	29.5	67.7	70.5	72.3	74.1	74.6	75.4	75.7	75.8	76.0	76.2	76.2	76.2	76.2	76.3	76.3
>= 2000	29.6	69.2	72.0	73.9	75.9	76.4	77.3	77.7	77.9	78.1	78.3	78.3	78.3	78.3	78.4	78.4
>= 1800	29.7	69.3	72.1	74.0	76.0	76.5	77.4	77.8	78.0	78.2	78.5	78.5	78.5	78.5	78.6	78.6
>= 1500	29.8	70.1	73.1	75.1	77.2	77.8	78.7	79.2	79.4	79.6	79.9	79.9	79.9	79.9	80.0	80.0
>= 1200	29.9	70.4	73.5	75.5	77.6	78.3	79.4	79.9	80.1	80.3	80.6	80.6	80.6	80.6	80.7	80.7
>= 1000	30.0	70.9	74.4	76.6	78.9	79.5	80.8	81.6	81.9	82.4	82.8	82.8	82.8	82.8	82.9	82.9
>= 900	30.0	71.2	74.7	76.9	79.1	79.8	81.1	82.1	82.4	82.9	83.3	83.3	83.4	83.4	83.5	83.5
>= 800	30.0	71.7	75.3	77.8	80.4	81.2	82.6	83.8	84.3	85.1	85.6	85.6	85.7	85.7	85.8	85.8
>= 700	30.1	71.9	75.6	78.2	80.9	81.7	83.1	84.7	85.3	86.2	86.8	86.8	87.0	87.0	87.1	87.1
>= 600	30.1	72.1	76.0	79.0	82.0	83.1	84.8	86.7	87.5	88.7	89.3	89.3	89.6	89.6	89.7	89.7
>= 500	30.2	72.3	76.2	79.4	82.5	83.8	86.0	88.6	89.5	90.8	91.6	91.6	92.1	92.2	92.3	92.4
>= 400	30.2	72.4	76.4	79.6	82.8	84.3	86.7	89.5	90.5	91.9	92.9	93.1	93.6	93.7	93.9	94.0
>= 300	30.2	72.4	76.4	79.6	82.9	84.4	87.1	90.0	91.3	93.3	94.7	94.9	95.7	96.0	96.6	96.7
>= 200	30.2	72.4	76.4	79.6	82.9	84.4	87.1	90.0	91.4	93.6	95.4	95.6	96.7	97.4	98.3	98.4
>= 100	30.2	72.4	76.4	79.6	82.9	84.4	87.1	90.0	91.4	93.6	95.4	95.7	96.9	97.6	98.7	99.3
>= 0	30.2	72.4	76.4	79.6	82.9	84.4	87.1	90.0	91.4	93.6	95.4	95.7	96.9	97.6	98.7	100.0

TOTAL NO. OF OBS : 1005

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : DEC
CLASS : ALL WEATHER — HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.0	44.0	44.7	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
>=20000	24.3	48.2	49.0	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
>=18000	24.3	48.2	49.0	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
>=16000	24.4	48.3	49.1	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
>=14000	25.2	49.4	50.2	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
>=12000	26.2	51.0	51.8	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
>=10000	27.1	54.7	55.7	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
>= 9000	27.2	55.4	56.4	57.2	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
>= 8000	27.8	58.2	59.3	60.2	60.3	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>= 7000	27.9	59.7	60.9	61.9	62.1	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
>= 6000	28.6	60.9	62.2	63.2	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
>= 5000	29.1	62.1	63.5	64.8	65.1	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
>= 4500	29.6	63.1	64.6	66.0	66.3	66.6	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>= 4000	30.6	65.3	66.9	68.4	68.8	69.1	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
>= 3500	30.8	66.4	68.0	69.5	69.9	70.2	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
>= 3000	31.7	69.2	70.8	72.5	73.2	73.5	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
>= 2500	32.3	71.0	72.6	74.3	75.2	75.6	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>= 2000	32.7	72.2	73.9	75.6	76.6	77.2	77.4	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
>= 1800	32.7	72.3	74.0	75.8	76.8	77.4	77.6	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2
>= 1500	32.9	73.6	75.4	77.3	78.6	79.4	79.7	80.1	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5
>= 1200	32.9	74.2	76.4	78.4	79.8	80.7	81.0	81.4	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0
>= 1000	32.9	75.1	77.9	80.2	81.7	82.8	83.3	83.8	84.1	84.9	84.9	84.9	84.9	84.9	84.9	84.9
>= 900	32.9	75.2	78.0	80.4	81.9	83.3	84.0	84.6	84.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7
>= 800	33.0	75.7	78.6	81.3	83.0	84.4	85.3	86.2	86.5	87.5	87.5	87.6	87.8	87.8	87.8	87.8
>= 700	33.0	75.8	78.7	81.7	83.9	85.4	86.5	87.5	87.9	88.9	89.0	89.2	89.4	89.4	89.4	89.4
>= 600	33.0	75.8	78.8	82.1	84.4	86.0	87.3	88.4	88.9	90.1	90.3	90.6	90.8	90.8	90.8	90.8
>= 500	33.0	75.8	78.8	82.3	84.7	86.5	88.3	89.7	90.4	92.0	92.7	93.0	93.5	93.5	93.6	93.6
>= 400	33.0	75.8	78.8	82.5	85.0	87.1	89.1	90.9	91.8	93.6	94.7	95.1	95.7	95.8	96.0	96.0
>= 300	33.0	75.8	78.8	82.5	85.0	87.2	89.4	91.5	92.4	94.4	95.8	96.3	97.1	97.3	97.5	97.5
>= 200	33.0	75.8	78.8	82.5	85.0	87.2	89.5	91.7	92.6	94.8	96.4	96.9	98.2	98.5	98.9	98.9
>= 100	33.0	75.8	78.8	82.5	85.0	87.2	89.5	91.7	92.6	94.8	96.5	97.0	98.4	98.8	99.3	99.9
>= 0	33.0	75.8	78.8	82.5	85.0	87.2	89.5	91.7	92.6	94.8	96.5	97.0	98.4	98.8	99.3	100.0

TOTAL NO. OF OBS : 1004

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : DEC
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.6	46.1	46.3	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
>=20000	25.6	50.6	50.9	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=18000	25.7	51.0	51.3	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
>=16000	25.7	51.0	51.3	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
>=14000	25.9	51.5	51.9	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
>=12000	27.5	54.0	54.4	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
>=10000	28.8	57.1	57.5	57.8	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
>= 9000	29.0	57.5	57.9	58.3	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
>= 8000	29.6	60.0	60.6	61.0	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>= 7000	29.7	61.0	61.8	62.2	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
>= 6000	29.8	61.4	62.2	62.6	63.0	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>= 5000	30.6	63.5	64.4	64.9	65.3	65.3	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
>= 4500	30.9	64.2	65.1	65.6	66.0	66.0	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
>= 4000	31.4	66.0	67.2	67.8	68.3	68.3	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
>= 3500	32.1	67.7	69.0	69.6	70.2	70.2	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
>= 3000	32.6	70.2	71.6	72.5	73.2	73.3	73.6	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
>= 2500	33.1	72.5	73.9	75.0	75.8	75.9	76.3	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>= 2000	33.8	73.7	75.5	76.7	77.5	77.6	78.1	78.4	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8
>= 1800	33.9	73.8	75.7	76.9	77.7	77.8	78.3	78.7	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>= 1500	34.1	75.1	77.2	78.4	79.3	79.6	80.2	80.6	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1
>= 1200	34.2	75.3	77.6	78.9	80.0	80.3	81.0	81.4	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9
>= 1000	34.2	76.2	78.0	80.2	81.5	82.0	82.7	83.3	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>= 900	34.2	76.5	79.1	80.6	82.0	82.6	83.3	84.0	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7
>= 800	34.3	76.6	79.2	80.7	82.4	83.0	84.1	85.2	85.5	86.1	86.2	86.2	86.2	86.2	86.2	86.2
>= 700	34.3	76.7	79.6	81.3	83.3	84.1	85.6	86.9	87.2	87.9	88.0	88.0	88.0	88.0	88.0	88.0
>= 600	34.4	76.8	79.7	81.6	83.8	84.7	86.5	88.2	88.6	89.3	89.5	89.5	89.5	89.5	89.6	89.6
>= 500	34.4	76.9	79.8	81.9	84.3	85.3	87.8	89.7	90.2	91.4	91.9	91.9	92.1	92.1	92.3	92.3
>= 400	34.4	76.9	79.8	82.0	84.7	85.7	88.7	91.3	92.0	93.8	94.5	94.5	94.8	94.8	95.3	95.3
>= 300	34.4	76.9	79.8	82.0	84.8	85.8	88.8	92.0	92.8	94.6	95.6	95.7	96.4	96.4	97.0	97.0
>= 200	34.4	76.9	79.8	82.0	84.8	85.8	88.8	92.0	92.9	94.9	96.3	96.7	97.8	98.0	98.9	98.9
>= 100	34.4	76.9	79.8	82.0	84.8	85.8	88.8	92.0	92.9	94.9	96.3	96.8	98.0	98.2	99.3	99.7
>= 0	34.4	76.9	79.8	82.0	84.8	85.8	88.8	92.0	92.9	94.9	96.3	96.8	98.0	98.2	99.3	100.0

TOTAL NO. OF OBS : 995

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : DEC
CLASS : ALL WEATHER — HOUR : 1900 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.5	48.0	48.6	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
>=20000	24.8	50.3	50.9	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=18000	24.8	50.4	51.0	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
>=16000	24.9	50.5	51.1	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=14000	25.3	51.1	51.7	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
>=12000	25.9	52.6	53.2	53.6	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
>=10000	27.3	56.0	56.7	57.1	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
>= 9000	27.4	56.4	57.1	57.6	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>= 8000	28.5	59.7	60.5	61.1	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>= 7000	28.8	61.1	62.1	62.7	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
>= 6000	29.2	61.8	62.8	63.4	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
>= 5000	29.7	64.0	65.1	65.7	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>= 4500	29.9	65.4	66.5	67.1	67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
>= 4000	30.7	67.7	68.9	69.8	70.5	70.6	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9
>= 3500	31.0	69.5	70.8	71.7	72.4	72.5	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
>= 3000	31.3	70.9	72.3	73.3	74.1	74.3	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8
>= 2500	31.9	73.3	74.8	76.1	77.2	77.4	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9
>= 2000	32.2	75.0	76.6	78.0	79.2	79.5	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
>= 1800	32.4	75.3	77.0	78.5	79.7	80.0	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
>= 1500	32.4	76.0	77.8	79.6	80.9	81.3	81.8	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1
>= 1200	32.5	76.5	78.?	80.6	82.1	82.5	83.0	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.4
>= 1000	32.5	76.9	79.2	81.4	83.2	83.9	84.5	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.1
>= 900	32.6	77.3	79.7	81.9	83.7	84.5	85.2	85.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.9
>= 800	32.6	78.0	80.6	83.0	84.9	85.8	86.9	87.3	87.5	87.8	87.9	87.9	88.0	88.0	88.0	88.1
>= 700	32.6	78.1	80.8	83.5	85.5	86.5	88.0	88.5	88.7	89.0	89.1	89.1	89.2	89.2	89.2	89.3
>= 600	32.6	78.1	80.8	83.5	86.0	87.0	88.6	89.1	89.3	90.0	90.1	90.1	90.3	90.3	90.3	90.4
>= 500	32.6	78.2	81.0	83.8	86.8	88.2	90.3	90.9	91.2	92.3	92.6	92.6	92.8	92.8	92.9	93.0
>= 400	32.6	78.3	81.3	84.3	87.4	89.1	91.3	92.1	92.4	93.6	94.1	94.1	94.3	94.3	94.4	94.5
>= 300	32.6	78.4	81.4	84.5	87.9	89.6	92.3	93.2	93.5	94.8	95.7	95.8	96.2	96.2	96.3	96.4
>= 200	32.6	78.4	81.4	84.6	88.0	89.7	92.6	93.8	94.3	95.8	97.2	97.3	97.7	97.8	98.0	98.2
>= 100	32.6	78.4	81.4	84.6	88.0	89.7	92.6	93.8	94.3	95.8	97.3	97.5	98.2	98.4	98.8	99.1
>= 0	32.6	78.4	81.4	84.6	88.0	89.7	92.6	93.8	94.3	95.8	97.3	97.5	98.2	98.6	99.2	100.0

TOTAL NO. OF OBS : 1001

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : DEC
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.1	46.6	47.5	48.2	48.4	48.6	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
>=20000	22.4	48.6	49.5	50.4	50.6	50.8	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
>=18000	22.4	48.7	49.6	50.5	50.8	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
>=16000	22.6	48.9	49.8	50.7	51.0	51.2	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
>=14000	22.6	49.0	49.9	50.8	51.1	51.3	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=12000	23.1	50.5	51.4	52.2	52.5	52.7	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
>=10000	24.6	53.7	54.6	55.5	55.9	56.1	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
>= 9000	24.9	54.2	55.2	56.0	56.4	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
>= 8000	25.6	56.8	57.9	58.8	59.2	59.4	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
>= 7000	26.0	58.5	59.7	60.6	61.0	61.2	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>= 6000	26.5	59.2	60.4	61.3	61.7	61.9	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
>= 5000	27.2	61.9	63.0	63.9	64.4	64.6	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
>= 4500	27.7	64.1	65.3	66.2	66.6	66.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
>= 4000	28.2	66.1	67.3	68.3	68.7	68.9	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>= 3500	28.5	67.1	68.4	69.5	69.9	70.1	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
>= 3000	29.4	69.7	71.2	72.3	72.7	72.9	73.0	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
>= 2500	29.8	72.1	73.7	75.0	75.5	75.7	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>= 2000	30.3	74.4	76.1	77.3	77.9	78.1	78.4	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
>= 1800	30.3	74.7	76.4	77.6	78.2	78.4	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>= 1500	30.4	75.8	77.6	79.5	80.3	80.6	81.0	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>= 1200	30.4	76.4	78.4	80.6	81.6	82.0	82.5	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
>= 1000	30.5	76.8	79.3	81.6	82.8	83.2	84.2	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
>= 900	30.6	77.1	79.7	82.0	83.6	84.1	85.1	85.5	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>= 800	30.7	77.5	80.2	82.8	84.6	85.2	86.2	86.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2
>= 700	30.7	77.9	80.8	83.6	85.6	86.4	87.4	88.2	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8
>= 600	30.7	77.9	80.8	83.7	86.1	87.0	88.4	89.2	89.4	89.8	89.9	89.9	90.0	90.0	90.0	90.0
>= 500	30.8	78.1	81.1	84.1	87.1	88.2	89.7	90.6	90.8	91.4	92.1	92.1	92.2	92.2	92.2	92.2
>= 400	30.8	78.3	81.4	84.8	88.2	89.2	90.7	91.8	92.0	92.8	93.8	93.8	94.0	94.0	94.0	94.0
>= 300	30.8	78.4	81.5	84.9	88.5	89.6	91.6	93.0	93.3	94.2	95.4	95.4	95.9	95.9	95.9	96.0
>= 200	30.8	78.4	81.6	85.1	88.8	89.9	92.2	94.0	94.4	95.6	96.9	97.0	97.8	98.0	98.1	98.4
>= 100	30.8	78.4	81.6	85.1	88.8	89.9	92.2	94.0	94.4	95.6	97.0	97.1	98.2	98.6	98.8	99.4
>= 0	30.8	78.4	81.6	85.1	88.8	89.9	92.2	94.0	94.4	95.6	97.0	97.1	98.2	98.7	98.9	100.0

TOTAL NO. OF OBS : 979

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : DEC
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.7	45.3	46.2	46.7	47.1	47.2	47.3	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.6	47.6
>=20000	22.3	47.9	48.8	49.4	49.8	49.9	50.0	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.3	50.3
>=18000	22.3	48.1	49.0	49.6	49.9	50.0	50.2	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.5
>=16000	22.4	48.1	49.0	49.6	50.0	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.6
>=14000	22.7	48.6	49.5	50.1	50.5	50.6	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.1
>=12000	23.5	50.2	51.2	51.8	52.2	52.3	52.5	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.8
>=10000	24.8	53.6	54.6	55.2	55.7	55.8	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.3
>= 9000	24.9	54.3	55.2	55.9	56.4	56.5	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	57.0
>= 8000	25.7	56.9	58.0	58.8	59.3	59.4	59.6	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9
>= 7000	26.1	58.5	59.7	60.5	61.0	61.2	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7
>= 6000	26.4	59.2	60.5	61.3	61.9	62.0	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.6
>= 5000	26.9	61.1	62.6	63.4	64.1	64.3	64.5	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	65.0
>= 4500	27.2	62.4	63.9	64.8	65.5	65.6	65.9	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.4
>= 4000	27.8	64.4	66.0	67.0	67.7	67.9	68.2	68.4	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.8
>= 3500	28.2	65.8	67.5	68.6	69.3	69.5	69.8	70.0	70.1	70.2	70.3	70.3	70.3	70.3	70.4	70.4
>= 3000	29.0	68.3	70.1	71.4	72.3	72.5	72.9	73.1	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.6
>= 2500	29.4	70.3	72.3	73.6	74.7	74.9	75.4	75.6	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.1
>= 2000	29.9	72.0	74.2	75.7	76.8	77.1	77.6	77.9	78.0	78.2	78.3	78.3	78.3	78.3	78.4	78.4
>= 1800	30.0	72.3	74.5	76.0	77.2	77.5	78.0	78.3	78.4	78.6	78.7	78.7	78.8	78.8	78.8	78.9
>= 1500	30.1	73.5	75.9	77.6	78.8	79.3	79.9	80.2	80.3	80.6	80.7	80.7	80.8	80.8	80.8	80.9
>= 1200	30.2	74.2	76.8	78.6	79.9	80.4	81.1	81.5	81.6	81.9	82.0	82.0	82.1	82.1	82.1	82.2
>= 1000	30.3	74.9	77.8	79.8	81.4	82.0	82.8	83.3	83.5	84.0	84.1	84.1	84.1	84.1	84.1	84.2
>= 900	30.4	75.2	78.1	80.2	81.8	82.5	83.3	84.0	84.1	84.6	84.7	84.7	84.8	84.8	84.8	84.9
>= 800	30.4	75.5	78.6	80.9	82.8	83.5	84.6	85.4	85.6	86.2	86.4	86.4	86.5	86.5	86.5	86.6
>= 700	30.4	75.8	79.0	81.4	83.5	84.4	85.7	86.7	86.9	87.6	87.8	87.8	87.9	87.9	88.0	88.1
>= 600	30.4	75.9	79.1	81.8	84.2	85.2	86.7	87.9	88.2	89.1	89.3	89.4	89.5	89.6	89.6	89.7
>= 500	30.5	76.0	79.4	82.2	85.0	86.2	88.1	89.6	90.0	91.2	91.7	91.7	92.0	92.0	92.2	92.3
>= 400	30.5	76.0	79.6	82.5	85.5	86.8	89.1	90.9	91.3	92.7	93.4	93.5	93.8	93.9	94.1	94.2
>= 300	30.5	76.1	79.6	82.6	85.7	87.1	89.6	91.7	92.3	93.9	94.9	95.1	95.7	95.8	96.1	96.3
>= 200	30.5	76.1	79.6	82.7	85.9	87.3	89.9	92.2	92.8	94.8	96.1	96.4	97.2	97.4	98.0	98.2
>= 100	30.5	76.1	79.6	82.7	85.9	87.3	89.9	92.3	92.9	94.8	96.2	96.5	97.6	97.8	98.6	99.3
>= 0	30.5	76.1	79.6	82.7	85.9	87.3	89.9	92.3	92.9	94.8	96.2	96.5	97.6	97.9	98.7	100.0

TOTAL NO. OF OBS : 7669

MOORE BUSINESS FORMS INC

2 - CEILING VS VISIBILITY

014790 : SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : ANN
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.5	46.0	47.6	48.7	49.6	49.8	50.2	50.3	50.4	50.6	50.6	50.6	50.7	50.7	50.8	50.8
>=20000	22.0	48.7	50.4	51.7	52.7	52.9	53.3	53.5	53.5	53.7	53.8	53.8	53.9	53.9	53.9	54.0
>=18000	22.1	48.8	50.6	51.8	52.8	53.0	53.4	53.6	53.7	53.8	53.9	53.9	54.0	54.0	54.1	54.1
>=16000	22.1	48.8	50.6	51.9	52.9	53.1	53.5	53.7	53.7	53.9	54.0	54.0	54.1	54.1	54.1	54.2
>=14000	22.4	49.4	51.2	52.5	53.5	53.7	54.1	54.3	54.3	54.5	54.6	54.6	54.7	54.7	54.7	54.8
>=12000	23.1	50.8	52.7	54.1	55.1	55.3	55.7	55.9	56.0	56.2	56.3	56.3	56.3	56.4	56.4	56.5
>=10000	24.1	53.7	55.8	57.3	58.5	58.7	59.2	59.4	59.4	59.6	59.7	59.7	59.8	59.8	59.9	59.9
>= 9000	24.3	54.2	56.4	57.9	59.0	59.3	59.7	60.0	60.0	60.2	60.3	60.3	60.4	60.4	60.5	60.5
>= 8000	25.2	56.9	59.1	60.8	62.0	62.3	62.8	63.1	63.1	63.3	63.4	63.4	63.5	63.5	63.6	63.7
>= 7000	25.5	58.1	60.4	62.1	63.4	63.7	64.2	64.5	64.6	64.8	64.9	64.9	65.0	65.0	65.0	65.1
>= 6000	25.8	59.1	61.5	63.3	64.6	65.0	65.5	65.7	65.8	66.0	66.1	66.1	66.2	66.2	66.3	66.3
>= 5000	26.6	61.0	63.5	65.4	66.8	67.2	67.7	68.0	68.1	68.3	68.4	68.4	68.5	68.5	68.6	68.6
>= 4500	26.9	62.0	64.6	66.4	67.9	68.2	68.8	69.1	69.2	69.4	69.5	69.5	69.6	69.6	69.7	69.7
>= 4000	27.6	63.9	66.6	68.6	70.1	70.5	71.1	71.4	71.5	71.7	71.8	71.8	71.9	71.9	72.0	72.0
>= 3500	28.0	65.1	67.9	69.9	71.5	71.9	72.5	72.8	72.9	73.1	73.2	73.3	73.4	73.4	73.4	73.5
>= 3000	28.6	67.1	70.1	72.3	73.9	74.4	75.0	75.3	75.4	75.7	75.8	75.8	75.9	75.9	76.0	76.1
>= 2500	29.1	68.6	71.7	74.0	75.8	76.2	76.9	77.2	77.3	77.6	77.7	77.7	77.8	77.9	77.9	78.0
>= 2000	29.5	70.0	73.3	75.7	77.6	78.1	78.8	79.2	79.3	79.6	79.8	79.8	79.9	79.9	79.9	80.0
>= 1800	29.6	70.3	73.6	76.0	78.0	78.4	79.2	79.6	79.7	80.0	80.1	80.1	80.2	80.3	80.3	80.4
>= 1500	29.9	71.4	74.9	77.6	79.7	80.2	81.1	81.6	81.7	82.0	82.2	82.2	82.3	82.3	82.3	82.4
>= 1200	30.0	72.0	75.7	78.5	80.7	81.3	82.2	82.7	82.8	83.1	83.3	83.3	83.4	83.4	83.5	83.5
>= 1000	30.2	72.7	76.7	79.7	82.1	82.8	83.9	84.4	84.6	85.0	85.2	85.2	85.3	85.3	85.4	85.5
>= 900	30.2	73.0	77.0	80.0	82.5	83.2	84.4	85.0	85.2	85.6	85.8	85.8	85.9	85.9	86.0	86.1
>= 800	30.3	73.4	77.6	80.8	83.6	84.4	85.7	86.5	86.7	87.2	87.4	87.4	87.6	87.6	87.7	87.7
>= 700	30.3	73.6	78.0	81.4	84.3	85.2	86.7	87.5	87.8	88.3	88.6	88.6	88.8	88.8	88.9	88.9
>= 600	30.3	73.9	78.3	81.9	85.1	86.1	87.7	88.8	89.1	89.7	90.1	90.1	90.3	90.3	90.4	90.4
>= 500	30.3	74.1	78.7	82.5	86.0	87.1	89.2	90.6	91.0	91.8	92.3	92.3	92.6	92.6	92.7	92.8
>= 400	30.3	74.2	78.8	82.8	86.5	87.7	90.2	91.8	92.3	93.4	94.0	94.1	94.4	94.5	94.6	94.6
>= 300	30.3	74.2	78.9	82.9	86.8	88.1	90.7	92.7	93.3	94.8	95.6	95.7	96.2	96.3	96.5	96.6
>= 200	30.3	74.2	78.9	82.9	86.9	88.2	90.9	93.0	93.7	95.4	96.4	96.6	97.5	97.6	98.0	98.2
>= 100	30.3	74.2	78.9	82.9	86.9	88.2	91.0	93.1	93.7	95.4	96.6	96.8	97.8	98.0	98.8	99.4
>= 0	30.3	74.2	78.9	82.9	86.9	88.2	91.0	93.1	93.7	95.5	96.6	96.8	97.8	98.1	98.9	100.0

TOTAL NO. OF OBS : 88757

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JAN
PAGE 1

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
>= 63	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	0	0
>= 61	.0	.0	.0	.0	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	0	0
>= 59	.0*	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	1	0
>= 57	.0*	.2	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	23	5	3
>= 55	.1	.3	.1	.1	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	42	42	21	15
>= 53	.0*	.3	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	36	36	35	29
>= 51	.1	.2	.1	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	44	44	22	26
>= 49	.1	.3	.1	.1	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	59	59	46	24
>= 47	.1	.5	.2	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	98	98	50	36
>= 45	.2	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	108	108	82	50
>= 43	.5	.5	.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	161	161	91	73
>= 41	.6	.7	.6	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	227	227	133	99
>= 39	.7	1.1	.8	1.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	299	299	192	120
>= 37	.7	1.3	1.2	1.2	.4	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	371	371	254	133
>= 35	.8	2.1	1.7	1.1	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	457	457	315	180
>= 33	1.0	2.3	2.1	1.5	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	546	546	484	224
>= 31	.8	2.5	2.2	1.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	552	552	494	298
>= 29	.5	2.3	2.4	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	512	512	534	318
>= 27	.6	2.7	3.1	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	582	582	510	323
>= 25	.5	2.4	2.9	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	495	495	573	343
>= 23	.5	2.4	3.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	506	506	567	369
>= 21	.3	2.1	2.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	433	433	530	366
>= 19	.4	2.5	2.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	385	385	460	360
>= 17	.4	2.2	2.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	354	354	498	393
>= 15	.2	1.9	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	275	275	327	424
>= 13	.2	1.8	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	246	246	321	403
>= 11	.2	1.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	183	183	262	402
>= 9	.3	1.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	171	171	207	387
>= 7	.1	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	139	139	179	335
>= 5	.1	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	84	84	135	310
>= 3	.1	.8	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	71	71	82	273
>= 1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	38	38	76	240
>= -1	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	39	39	60	190
>= -3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	10	19	164
>= -5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15	15	17	120
>= -7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8	8	8	129
>= -9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	6	101
>=-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	81
>=-13	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	1	76
>=-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	44
>=-17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	49
>=-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	29
>=-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	22
>=-23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	14
>=-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	10
>=-27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
>=-29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9
>=-31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
>=-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0
>=-35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1

3 - PSYCHROMETRIC SUMMARY

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JAN

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	TOTAL O.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
TOTAL	11.1	39.4	32.4	13.0	3.0	.8	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	7582	7610	7597	7599

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	501368.	35822812.	66.0	18.974	7597
15 - DRY BULB	206751.	6583767.	27.2	11.271	7610
16 - WET BULB	185893.	5443655.	24.5	10.855	7597
17 - DEW PT.	125140.	3693932.	16.5	14.661	7599

40 - MEAN NO. OF HOURS WITH TEMP.

<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
9.2	501.6	.0	.0	.0	.0	744
54.3	617.9	.0	.0	.0	.0	744
102.1	644.9	.0	.0	.0	.0	744

3 - PSYCHROMETRIC SUMMARY

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
PAGE 1

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL	TOTAL OBS		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B./ W.B.	DRY BULB	WET BULB	DEW PT.
>= 67	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	0	0
>= 65	.0	.0	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	0	0
>= 63	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	0	0
>= 61	.0	.0	.0	.0*	.0	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	0	0
>= 59	.0*	.0*	.0*	.0	.0*	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	10	10	2	2
>= 57	.0*	.1	.0*	.0*	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	22	10	3
>= 55	.0*	.1	.0*	.1	.0*	.0*	.1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	32	32	15	6
>= 53	.0*	.3	.1	.1	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	47	47	20	21
>= 51	.1	.3	.1	.1	.0*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	58	58	42	26
>= 49	.2	.3	.3	.1	.2	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	89	89	47	33
>= 47	.2	.5	.2	.2	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	109	109	64	43
>= 45	.1	.4	.3	.3	.4	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	132	132	73	55
>= 43	.2	.8	.5	.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	205	205	90	62
>= 41	.3	.7	.7	.9	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	244	244	131	78
>= 39	.4	1.0	1.1	.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	301	301	199	76
>= 37	.8	1.7	1.6	1.3	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	422	422	288	176
>= 35	.8	2.2	2.0	1.7	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	519	519	409	172
>= 33	.9	3.4	2.3	1.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	592	592	485	241
>= 31	1.1	2.7	2.8	1.8	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	625	625	630	372
>= 29	.5	2.5	2.5	1.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	517	517	548	368
>= 27	.6	2.0	2.4	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	465	465	536	353
>= 25	.5	1.9	2.8	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	443	443	521	345
>= 23	.5	1.7	2.6	.8	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	396	396	478	378
>= 21	.5	1.7	2.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	362	362	465	384
>= 19	.3	1.9	1.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	288	288	401	386
>= 17	.1	1.5	1.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	246	246	343	346
>= 15	.2	1.6	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	216	216	284	322
>= 13	.2	1.2	1.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	177	177	241	338
>= 11	.1	1.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	142	142	198	310
>= 9	.2	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	105	105	152	296
>= 7	.1	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	91	91	111	291
>= 5	.2	.7	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	62	62	104	290
>= 3	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	43	43	54	235
>= 1	.0*	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	23	40	201
>= -1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	19	30	168
>= -3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	7	134
>= -5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	3	127
>= -7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	110
>= -9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	76
>=-11	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	1	49
>=-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	48
>=-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	35
>=-17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	18
>=-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	30
>=-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	12
>=-23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
>=-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
>=-27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
PAGE 2

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
TOTAL	9.4	34.9	32.2	15.4	5.7	1.8	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	7021	7022	7022	7022

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS	40 - MEAN NO. OF HOURS WITH TEMP. <=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
28 - REL HUM	456460.	32380862.	65.0	19.643	7022							
15 - DRY BULB	206189.	6876417.	29.4	10.820	7022	2.8	404.8	.1	.0	.0	.0	672
16 - WET BULB	184358.	5584362.	26.3	10.295	7022	45.5	534.1	.0	.0	.0	.0	672
17 - DEW PT.	126659.	3576885.	18.0	14.082	7022	77.8	576.9	.0	.0	.0	.0	672

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAR
PAGE 1

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	2	2	0	0
>= 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	2	2	0	0
>= 73	.0	.0	.0	.0	.0	.0*	.0	.0*	.1	.0	.0*	.0	.0	.0	.0	.0	.0	9	9	0	0
>= 71	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	4	4	0	0
>= 69	.0	.0	.0	.0	.0*	.0	.0	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	8	8	0	0
>= 67	.0	.0	.0	.0*	.0*	.1	.0	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	13	13	0	0
>= 65	.0	.0	.0	.0*	.0	.0*	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	16	16	0	0
>= 63	.0	.0	.0*	.0*	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	32	32	1	0
>= 61	.0	.0*	.0*	.0*	.0*	.1	.0*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	24	24	5	0
>= 59	.0*	.0*	.0*	.0*	.1	.1	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	39	39	8	3
>= 57	.0*	.1	.2	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	76	76	22	9
>= 55	.0*	.3	.2	.1	.2	.2	.2	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	106	106	39	13
>= 53	.1	.6	.3	.1	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	148	148	76	35
>= 51	.1	.5	.2	.2	.3	.3	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	169	169	114	60
>= 49	.1	.6	.3	.4	.4	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	209	209	95	72
>= 47	.2	.5	.4	.6	.7	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	274	274	138	85
>= 45	.2	.9	.6	1.0	1.0	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	385	385	172	96
>= 43	.2	1.0	.9	1.2	1.4	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	420	420	221	105
>= 41	.4	1.2	1.6	1.6	1.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	531	531	321	165
>= 39	.8	2.1	1.9	1.7	1.6	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	667	667	499	220
>= 37	1.1	3.1	2.1	2.2	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	774	774	680	301
>= 35	1.1	3.4	2.6	2.0	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	828	828	814	389
>= 33	1.1	2.8	2.6	1.8	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	709	709	849	535
>= 31	.7	2.3	2.5	2.0	.6	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	635	635	845	540
>= 29	.4	1.9	2.1	1.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	456	456	655	542
>= 27	.3	1.3	1.8	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	347	347	584	462
>= 25	.3	1.0	1.6	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	282	282	492	494
>= 23	.1	.7	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	170	170	337	539
>= 21	.1	.5	.8	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	130	130	256	494
>= 19	.1	.4	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	93	93	168	412
>= 17	.1	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	63	63	117	385
>= 15	.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	54	54	86	303
>= 13	.0*	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25	25	60	285
>= 11	.0*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	21	42	251
>= 9	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	13	18	226
>= 7	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	18	169
>= 5	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	5	132
>= 3	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	5	108
>= 1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	3	76
>= -1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	66
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	45
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	34
>= -7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	26
>= -9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	22
>=-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	15
>=-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	16
>=-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6
>=-17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>=-23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
>=-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
TOTAL	7.7	26.4	25.5	18.9	12.0	5.6	2.4	.9	.4	.1	.1	.0*	.0	.0	.0	.0	.0		7751		7745
																		7745		7745	

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS	40 - MEAN NO. OF HOURS WITH TEMP. <=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
28 - REL HUM	499363.	35629335.	64.5	21.054	7745							
15 - DRY BULB	287910.	11390610.	37.1	9.478	7751	.0	221.3	3.6	1.2	.0	.0	744
16 - WET BULB	255084.	8962884.	32.9	8.516	7745	42.2	396.7	.0	.0	.0	.0	744
17 - DEW PT.	192966.	5942800.	24.9	12.107	7745	23.0	543.4	.0	.0	.0	.0	744

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30			
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	1	1	0	0
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	2	2	0	0
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	1	1	0	0
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0*	.0*	.0	.0	.0	.0	5	5	0	0
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0*	.0*	.0*	.0	.0	.0	6	6	0	0
>= 81	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	11	11	0	0
>= 79	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	13	13	0	0
>= 77	.0	.0	.0	.0	.0	.0	.1	.1	.0*	.1	.0*	.0*	.0*	.0	.0	.0	.0	19	19	0	0
>= 75	.0	.0	.0	.0	.0	.0*	.1	.1	.1	.1	.0*	.1	.0*	.0	.0	.0	.0	32	32	0	0
>= 73	.0	.0	.0	.0	.0*	.1	.1	.1	.1	.1	.0*	.1	.0*	.0	.0	.0	.0	47	47	0	0
>= 71	.0	.0	.0	.0*	.0*	.1	.0*	.1	.1	.1	.1	.0*	.0	.0	.0	.0	.0	37	37	0	0
>= 69	.0	.0	.0	.0*	.1	.1	.1	.1	.2	.2	.1	.0*	.0	.0	.0	.0	.0	60	60	1	0
>= 67	.0	.0	.0*	.1	.1	.2	.2	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	100	100	9	0
>= 65	.0	.0*	.1	.1	.2	.2	.2	.1	.4	.1	.1	.0	.0	.0	.0	.0	.0	111	111	14	0
>= 63	.0	.1	.1	.2	.2	.3	.4	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	164	164	42	2
>= 61	.0*	.1	.2	.3	.3	.4	.3	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	187	187	58	14
>= 59	.2	.4	.3	.3	.3	.5	.6	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	263	263	96	38
>= 57	.2	.6	.5	.3	.3	.6	.7	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	302	302	140	67
>= 55	.2	.6	.5	.4	.6	.7	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	331	331	201	101
>= 53	.2	.6	.6	.7	.8	.9	.8	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	399	399	216	121
>= 51	.2	.7	.9	1.0	.9	1.3	.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	477	477	260	165
>= 49	.2	.9	.8	1.2	1.3	1.3	.8	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	504	504	328	178
>= 47	.3	1.3	1.2	1.5	1.7	1.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	571	571	448	189
>= 45	.6	1.6	1.5	1.7	1.8	1.0	.3	.1	.0	.0	.0	.0	.0*	.0	.0	.0	.0	646	646	565	267
>= 43	.7	1.9	2.2	2.3	1.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	697	697	641	291
>= 41	1.0	2.1	2.3	2.2	1.1	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	683	683	813	431
>= 39	.6	2.0	2.2	1.5	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	557	557	887	449
>= 37	.7	1.9	1.7	1.2	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	467	467	817	498
>= 35	.5	1.5	1.3	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	342	342	685	580
>= 33	.5	.9	.9	.8	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	257	257	514	578
>= 31	.1	.9	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	151	151	349	630
>= 29	.0*	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	55	55	217	595
>= 27	.0*	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28	28	127	489
>= 25	.0*	.0	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	10	77	420
>= 23	.0	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11	11	20	360
>= 21	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	12	287
>= 19	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	12	206
>= 17	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8	8	7	178
>= 15	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	5	117
>= 13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	88
>= 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	75
>= 9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	51
>= 7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	42
>= 5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	24
>= 3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	17
>= 1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	4
>= -1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1

3 - PSYCHROMETRIC SUMMARY

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
TOTAL	6.4	18.5	18.2	17.9	12.9	9.9	7.1	3.9	2.9	1.3	.5	.3	.2	.0*	.0	.0	.0	7561	7563	7561	7563

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	471025.	32984625.	62.3	21.947	7561
15 - DRY BULB	359314.	17822794.	47.5	9.972	7563
16 - WET BULB	313793.	13501181.	41.5	7.954	7561
17 - DEW PT.	253005.	9331873.	33.5	10.714	7563

40 - MEAN NO. OF HOURS WITH TEMP.

	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
	.0	25.6	31.8	13.0	3.3	.0	720
	57.0	135.7	1.0	.0	.0	.0	720
	1.0	342.1	.0	.0	.0	.0	720

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : MAY

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	1	1	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	2	2	0	0
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0*	.0	.0	.0	.0	3	3	0	0
>= 89	.0	.0	.0	.0	.0	.0	.0*	.0	.0*	.0*	.1	.0*	.1	.0	.0*	.0	.0	15	15	0	0
>= 87	.0	.0	.0	.0	.0	.0	.0	.0*	.1	.1	.0*	.0*	.0*	.0	.0	.0	.0	23	23	0	0
>= 85	.0	.0	.0	.0	.0	.0	.0*	.0*	.1	.1	.0*	.0*	.1	.0	.0	.0	.0	28	28	0	0
>= 83	.0	.0	.0	.0	.0*	.0	.0*	.0*	.1	.1	.1	.0*	.0*	.0*	.0	.0	.0	37	37	0	0
>= 81	.0	.0	.0	.0	.0*	.1	.1	.1	.1	.1	.1	.1	.0*	.0*	.0	.0	.0	66	66	0	0
>= 79	.0	.0	.0	.0	.0*	.1	.1	.2	.1	.1	.1	.1	.1	.0*	.0	.0	.0	80	80	0	0
>= 77	.0	.0	.0	.0*	.1	.2	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	95	95	1	0
>= 75	.0	.0	.0*	.0*	.1	.3	.3	.2	.3	.3	.2	.1	.0*	.0	.0	.0	.0	138	138	3	0
>= 73	.0	.0	.0*	.1	.2	.2	.3	.3	.5	.2	.1	.1	.0	.0	.0	.0	.0	157	157	9	1
>= 71	.0	.0	.1	.2	.3	.3	.4	.3	.5	.2	.1	.1	.0*	.0	.0	.0	.0	199	199	37	1
>= 69	.0	.1	.2	.4	.4	.5	.5	.4	.5	.3	.2	.0*	.0	.0	.0	.0	.0	265	265	57	9
>= 67	.0	.2	.5	.4	.5	.4	.5	.6	.6	.5	.1	.0*	.0	.0	.0	.0	.0	346	346	97	18
>= 65	.0*	.5	.5	.4	.4	.6	.7	.8	.3	.2	.1	.0*	.0	.0	.0	.0	.0	352	352	167	54
>= 63	.2	.8	.7	.6	.7	.7	.8	.9	.6	.1	.1	.0	.0	.0	.0	.0	.0	473	473	255	118
>= 61	.3	1.0	.8	.8	.9	.8	.9	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	515	515	293	207
>= 59	.3	1.1	.8	1.1	1.0	1.0	.8	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	547	547	396	240
>= 57	.4	1.6	1.2	1.3	1.3	1.1	.8	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	648	648	478	279
>= 55	.5	1.5	1.5	1.2	1.2	1.1	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	634	634	553	365
>= 53	.4	1.6	1.6	1.3	1.2	.7	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	577	577	622	364
>= 51	.7	1.6	1.7	1.3	1.0	.5	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	562	562	758	411
>= 49	.6	1.9	1.9	1.2	.9	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	556	556	803	502
>= 47	.5	2.0	1.5	1.0	.6	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	461	461	819	566
>= 45	.5	2.0	1.6	.7	.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	429	429	784	563
>= 43	.6	1.1	.7	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	244	244	585	615
>= 41	.3	.7	.5	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	155	155	467	648
>= 39	.1	.4	.4	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	90	90	257	540
>= 37	.0*	.3	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	52	52	168	501
>= 35	.0*	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	24	104	417
>= 33	.0	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	10	38	310
>= 31	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	26	267
>= 29	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	8	245
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	1	142
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	122
>= 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	104
>= 21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	68
>= 19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	46
>= 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	27
>= 15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	13
>= 13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	12
>= 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	5
>= 9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7
>= 7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
TOTAL	5.2	18.5	16.7	13.4	11.7	9.6	8.2	6.2	5.1	2.8	1.4	.6	.4	.1	.0*	.0	.0	7786	7788	7786	7788

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS	40 - MEAN NO. OF HOURS WITH TEMP. <=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
28 - REL HUM	500931.	35973167.	64.3	21.932	7786							
15 - DRY BULB	449251.	26696761.	57.7	10.019	7788	.0	.2	139.1	61.6	20.8	.3	744
16 - WET BULB	394973.	20500069.	50.7	7.717	7786	61.7	65.1	19.5	1.2	.0	.0	744
17 - DEW PT.	341987.	15837047.	43.9	10.260	7788	.0	101.2	2.8	.1	.0	.0	744

3 - PSYCHROMETRIC SUMMARY

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	1	1	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	5	5	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.1	.0*	.0	.0	.0	.0	.0	11	11	0	0
>= 91	.0	.0	.0	.0	.0	.0*	.0*	.0*	.1	.1	.1	.1	.0*	.0*	.0*	.0	.0	35	35	0	0
>= 89	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.1	.2	.1	.1	.0*	.0*	.0	.0	.0	44	44	0	0
>= 87	.0	.0	.0	.0	.0*	.0*	.1	.1	.3	.1	.2	.1	.0*	.0	.0	.0	.0	67	67	0	0
>= 85	.0	.0	.0	.1	.0*	.0*	.1	.4	.3	.3	.2	.1	.1	.0	.0	.0	.0	109	109	0	0
>= 83	.0	.0	.0*	.0*	.1	.1	.3	.5	.4	.4	.2	.1	.0*	.0	.0	.0	.0	165	165	0	0
>= 81	.0	.0	.0	.1	.2	.3	.5	.7	.5	.4	.2	.1	.0*	.0	.0	.0	.0	221	221	4	0
>= 79	.0	.0*	.0*	.1	.3	.6	.7	.7	.5	.3	.3	.1	.0	.0	.0	.0	.0	263	263	11	1
>= 77	.0	.0	.0*	.4	.6	.7	.7	.6	.5	.4	.2	.0*	.0*	.0	.0	.0	.0	301	301	19	12
>= 75	.0*	.0*	.4	.5	.8	.7	.7	.6	.5	.5	.1	.0*	.0	.0	.0	.0	.0	359	359	45	12
>= 73	.1	.1	.4	.9	1.0	1.0	.8	.7	.5	.4	.1	.0*	.0	.0	.0	.0	.0	440	440	114	17
>= 71	.0*	.5	.9	.8	.9	1.0	.8	.5	.5	.1	.0*	.0	.0	.0	.0	.0	.0	441	441	212	40
>= 69	.1	1.2	1.4	1.5	1.1	.8	.7	.5	.3	.1	.0*	.0	.0	.0	.0	.0	.0	566	566	381	140
>= 67	.2	1.2	1.9	1.2	.8	1.0	.6	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	580	580	555	262
>= 65	.3	1.9	1.9	1.2	1.1	.8	.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	601	601	620	380
>= 63	.3	2.1	1.5	1.5	.9	1.1	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	604	604	746	538
>= 61	.5	2.0	1.4	1.3	.9	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	514	514	751	624
>= 59	.4	2.4	1.9	1.2	.9	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	545	545	697	640
>= 57	.5	2.0	1.4	1.2	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	449	449	776	610
>= 55	.4	1.8	1.1	.9	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	346	346	661	634
>= 53	.5	1.6	1.2	.5	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	300	300	610	674
>= 51	.2	1.0	.9	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	190	190	465	560
>= 49	.2	.4	.6	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	113	113	326	534
>= 47	.1	.2	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	59	59	192	423
>= 45	.0	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25	25	102	365
>= 43	.0	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11	11	53	285
>= 41	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	13	239
>= 39	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	16	163
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	1	86
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	58
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	36
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	23
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	8
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6
TOTAL	3.9	18.6	17.7	14.2	10.7	9.5	7.7	6.6	4.9	3.3	2.0	.7	.2	.0*	.0*	.0	.0	7370	7370	7370	7370

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	504579.	37299427.	68.5	19.332	7370
15 - DRY BULB	492590.	33586188.	66.8	9.484	7370
16 - WET BULB	440472.	26680798.	59.8	6.948	7370
17 - DEW PT.	403938.	22648360.	54.8	8.312	7370

40 - MEAN NO. OF HOURS WITH TEMP.

	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
15 - DRY BULB	.0	.0	352.5	197.4	78.3	1.7	720
16 - WET BULB	77.2	77.2	131.0	18.9	1.1	.0	720
17 - DEW PT.	.0	3.6	47.3	4.1	.1	.0	720

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : JUL

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>= 97	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	4	4	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	21	21	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0*	.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	42	42	0	0
>= 91	.0	.0	.0	.0	.0	.0*	.1	.1	.3	.1	.1	.0*	.1	.0	.0	.0	.0	58	58	0	0
>= 89	.0	.0	.0	.0	.0*	.0*	.2	.3	.3	.2	.3	.1	.1	.0	.0	.0	.0	111	111	0	0
>= 87	.0	.0	.0	.0	.1	.1	.4	.4	.5	.3	.2	.1	.0*	.0	.0	.0	.0	168	168	0	0
>= 85	.0	.0	.0	.0	.1	.5	.4	.7	.7	.4	.3	.0*	.1	.0	.0	.0	.0	244	244	0	0
>= 83	.0	.0	.0	.1	.3	.7	.7	1.0	.8	.4	.3	.1	.0	.0	.0	.0	.0	338	338	1	0
>= 81	.0	.0	.1	.3	.8	.8	.9	.9	.7	.6	.2	.1	.0	.0	.0	.0	.0	404	404	7	0
>= 79	.0	.0*	.1	.7	1.2	1.1	1.0	1.0	.6	.6	.2	.0*	.0	.0	.0	.0	.0	507	507	32	2
>= 77	.0	.1	.6	1.2	1.1	.9	1.1	.6	.7	.4	.1	.0*	.0	.0	.0	.0	.0	515	515	94	13
>= 75	.0*	.4	1.5	1.5	1.3	1.3	.8	.8	.7	.3	.1	.0	.0	.0	.0	.0	.0	669	669	210	40
>= 73	.2	1.2	2.1	1.4	1.1	1.2	.8	.7	.3	.1	.0*	.0	.0	.0	.0	.0	.0	682	682	461	146
>= 71	.4	1.6	2.3	1.4	1.0	.9	.7	.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	679	679	750	364
>= 69	.4	2.5	2.2	1.4	1.2	.5	.6	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	697	697	881	604
>= 67	.4	2.3	2.8	1.3	1.0	.7	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	677	677	939	721
>= 65	.5	2.1	2.1	1.5	.8	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	575	575	903	781
>= 63	.6	1.9	1.6	1.1	.6	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	465	465	913	752
>= 61	.3	1.3	1.0	.8	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	296	296	782	797
>= 59	.3	1.0	.6	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	204	204	633	722
>= 57	.2	.7	.6	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	146	146	453	663
>= 55	.1	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	77	77	276	505
>= 53	.0	.1	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26	26	156	400
>= 51	.0*	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	13	78	366
>= 49	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	40	278
>= 47	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	11	201
>= 45	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	4	115
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	79
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	46
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	22
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	4
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
TOTAL	3.4	15.6	18.1	14.0	11.2	9.4	8.3	7.4	6.1	3.8	1.9	.6	.2	.0	.0	.0	.0	7626	7629	7626	7632

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	526689.	38983045.	69.1	18.492	7626
15 - DRY BULB	554991.	40889833.	72.7	8.222	7629
16 - WET BULB	497812.	32761454.	65.3	5.897	7626
17 - DEW PT.	464445.	28674207.	60.9	7.334	7632

40 - MEAN NO. OF HOURS WITH TEMP.

	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
	.0	.0	567.3	367.1	160.7	6.5	744
	78.6	78.6	329.3	78.5	2.1	.0	744
	.0	.0	184.2	19.6	.2	.0	744

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : AUG
PAGE 1

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)															TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>=101	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	1	1	0	0
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	1	1	0	0
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	1	1	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	4	4	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	8	8	0	0
>= 91	.0	.0	.0	.0	.0	.0	.0*	.2	.2	.1	.0*	.0*	.0*	.0	.0	.0	.0	44	44	0	0
>= 89	.0	.0	.0	.0	.0*	.0*	.2	.3	.3	.1	.1	.0*	.0	.0	.0	.0	.0	79	79	0	0
>= 87	.0	.0*	.0	.0*	.0*	.2	.3	.3	.4	.3	.1	.1	.0*	.0	.0	.0	.0	132	132	0	0
>= 85	.0	.0	.0	.0	.2	.4	.6	.5	.4	.3	.1	.0*	.0	.0	.0	.0	.0	189	189	1	1
>= 83	.0	.0	.0	.1	.5	.7	.9	.6	.6	.3	.2	.0*	.0	.0	.0	.0	.0	287	287	1	0
>= 81	.0	.0	.1	.4	.9	.9	.8	.8	.5	.3	.1	.0*	.0	.0	.0	.0	.0	358	358	2	1
>= 79	.0	.0*	.3	.8	.7	.8	1.0	.8	.6	.4	.1	.0	.0	.0	.0	.0	.0	418	418	23	2
>= 77	.0	.2	.7	.9	1.0	.9	.8	.7	.6	.3	.0*	.0	.0	.0	.0	.0	.0	471	471	93	6
>= 75	.0	.6	1.4	1.3	1.0	.7	.7	.7	.5	.3	.0*	.0*	.0	.0	.0	.0	.0	556	556	238	50
>= 73	.2	1.2	2.0	1.4	.8	1.0	.7	.6	.4	.1	.0*	.0	.0	.0	.0	.0	.0	646	646	466	194
>= 71	.3	1.8	2.0	1.4	1.3	1.0	.7	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	694	694	595	372
>= 69	.7	1.9	2.0	1.4	1.1	.6	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	659	659	776	562
>= 67	.5	2.0	2.3	1.5	.9	.8	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	654	654	791	622
>= 65	.3	2.3	2.6	1.7	.7	.5	.3	.0*	.1	.0	.0	.0	.0	.0	.0	.0	.0	651	651	755	628
>= 63	.5	2.3	2.3	1.4	1.0	.3	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	599	599	871	670
>= 61	.4	1.7	1.5	1.1	.5	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	408	408	839	734
>= 59	.3	1.0	1.1	.9	.4	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	285	285	703	745
>= 57	.2	.7	1.0	.5	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	198	198	515	657
>= 55	.1	.5	.5	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	110	110	384	543
>= 53	.1	.2	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	55	55	248	442
>= 51	.0*	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	35	35	135	392
>= 49	.0	.1	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	13	68	320
>= 47	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	34	263
>= 45	.0	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	13	143
>= 43	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	13	99
>= 41	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	5	45
>= 39	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	4	37
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	20
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	11
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	8
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
TOTAL	3.5	16.8	20.2	15.2	11.5	9.2	8.4	6.6	4.8	2.6	.8	.3	.0*	.0*	.0	.0	.0	7575	7575	7575	7575

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	536045.	40270995.	70.8	17.569	7575
15 - DRY BULB	538920.	38869090.	71.1	8.348	7575
16 - WET BULB	487357.	31676001.	64.3	6.507	7575
17 - DEW PT.	455848.	27898316.	60.2	7.847	7575

40 - MEAN NO. OF HOURS WITH TEMP.

	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
15 - DRY BULB	.0	.0	510.9	313.8	130.9	1.5	744
16 - WET BULB	59.8	59.8	293.3	80.9	.8	.0	744
17 - DEW PT.	.0	.8	177.8	24.9	.3	.0	744

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : SEP
PAGE 1

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	2	2	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0
>= 91	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0	.0*	.0	.0	.0	.0	.0	8	8	0	0
>= 89	.0	.0	.0	.0	.0	.0*	.0*	.1	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	19	19	0	0
>= 87	.0	.0	.0	.0	.0*	.1	.1	.2	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	38	38	0	0
>= 85	.0	.0	.0	.0	.0*	.1	.2	.1	.1	.0*	.1	.0*	.0	.0	.0	.0	.0	47	47	0	0
>= 83	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.0	.0*	.0	.0	.0	.0	.0	70	70	0	0
>= 81	.0	.0	.0	.1	.3	.4	.2	.2	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	111	111	1	0
>= 79	.0	.0*	.0*	.2	.3	.4	.3	.2	.1	.1	.1	.0*	.0	.0	.0	.0	.0	126	126	7	0
>= 77	.0	.0*	.3	.4	.5	.4	.5	.3	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	203	203	13	3
>= 75	.0*	.2	.4	.5	.5	.5	.6	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	266	266	64	9
>= 73	.0*	.5	.6	.7	.6	.8	.6	.5	.2	.2	.0*	.0*	.0	.0	.0	.0	.0	333	333	141	41
>= 71	.1	.7	1.1	.7	.6	.6	.7	.5	.3	.1	.0*	.0	.0	.0	.0	.0	.0	384	384	194	113
>= 69	.2	1.2	1.5	.9	.6	.8	.8	.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	502	502	290	199
>= 67	.3	1.7	1.5	.8	.8	.8	.7	.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	532	532	368	263
>= 65	.4	2.0	1.8	1.0	.9	1.0	.8	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	597	597	527	376
>= 63	.5	1.9	1.8	1.4	.8	.9	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	620	620	541	430
>= 61	.8	2.3	1.5	1.6	.9	.5	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	601	601	576	434
>= 59	.7	2.2	1.5	1.9	.9	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	604	604	665	492
>= 57	.7	2.3	2.1	1.3	.8	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	581	581	683	554
>= 55	.5	1.7	1.7	1.2	.7	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	464	464	710	519
>= 53	.4	1.2	1.4	1.1	.4	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	341	341	625	562
>= 51	.4	1.1	1.4	.7	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	299	299	544	531
>= 49	.2	.7	1.1	.5	.2	.1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	197	197	416	523
>= 47	.1	.6	.6	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	135	135	351	472
>= 45	.0*	.4	.6	.2	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	98	98	213	421
>= 43	.1	.2	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	57	57	146	361
>= 41	.1	.2	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	40	40	120	272
>= 39	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	21	61	232
>= 37	.0*	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11	11	30	189
>= 35	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	14	117
>= 33	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	11	78
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	4	42
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	36
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	22
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9
>= 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6
>= 21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	4
>= 19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
>= 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
>= 15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0
>= 13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0
>= 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
TOTAL	5.7	21.3	21.6	15.7	10.5	9.4	7.3	4.7	2.5	.9	.4	.2	.0	.0	.0	.0	.0	7315	7318	7315	7317

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS	40 - MEAN NO. OF HOURS WITH TEMP. <=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
28 - REL HUM	528658.	40563228.	72.3	17.951	7315							
15 - DRY BULB	464359.	30104201.	63.5	9.342	7318	.0	.0	260.0	120.5	34.7	.2	720
16 - WET BULB	422445.	24872779.	57.8	8.070	7315	59.5	59.9	106.1	22.2	.3	.0	720
17 - DEW PT.	390804.	21560196.	53.4	9.692	7317	.0	12.4	61.8	5.2	.0	.0	720

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : OCT
PAGE 1

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>= 85	.0	.0	.0	.0	.0	.0*	.0	.0*	.0*	.0	.0	.0	.0*	.0	.0	.0	.0	6	6	0	0
>= 83	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0*	.0	.0	.0	.0*	.0	.0	.0	6	6	0	0
>= 81	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.1	.0*	.0*	.0	.0	.0	.0	15	15	0	0
>= 79	.0	.0	.0	.0	.1	.0*	.1	.0*	.1	.1	.0*	.0	.0*	.0	.0	.0	.0	27	27	0	0
>= 77	.0	.0	.0	.0*	.1	.1	.1	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	46	46	0	0
>= 75	.0	.0*	.0	.1	.1	.2	.0*	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	53	53	1	0
>= 73	.0	.0*	.1	.2	.2	.2	.2	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	80	80	9	1
>= 71	.0*	.1	.1	.3	.3	.3	.3	.2	.1	.1	.0*	.0	.0	.0	.0	.0	.0	133	133	13	5
>= 69	.0*	.1	.3	.2	.2	.2	.3	.1	.2	.1	.0*	.0	.0	.0	.0	.0	.0	131	131	33	13
>= 67	.1	.5	.4	.4	.3	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	221	221	77	38
>= 65	.1	.9	.4	.5	.4	.4	.5	.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	288	288	136	59
>= 63	.3	1.4	.7	.6	.4	.7	.4	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	369	369	196	143
>= 61	.2	1.6	.8	.7	.8	.8	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	448	448	282	169
>= 59	.6	1.8	1.0	.8	.7	.7	.5	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	475	475	361	251
>= 57	.5	2.2	1.2	.9	.7	.9	.7	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	574	574	415	300
>= 55	.8	1.9	1.4	1.0	.9	1.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	587	587	487	358
>= 53	.6	1.6	1.4	1.2	1.0	.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	540	540	533	422
>= 51	.3	2.0	1.7	1.3	1.4	.7	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	595	595	528	339
>= 49	.7	2.0	1.6	1.4	1.1	.7	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	588	588	629	433
>= 47	.3	1.8	1.5	1.6	.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	515	515	597	455
>= 45	.3	1.1	1.6	1.3	1.0	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	428	428	615	434
>= 43	.2	1.1	1.4	1.3	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	365	365	527	433
>= 41	.2	.8	1.1	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	278	278	499	445
>= 39	.1	.7	1.1	.7	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	216	216	433	394
>= 37	.1	.7	1.1	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	203	203	338	442
>= 35	.1	.7	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	159	159	268	439
>= 33	.1	.5	.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	110	110	256	382
>= 31	.1	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	87	87	157	366
>= 29	.0*	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30	30	131	314
>= 27	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	14	42	266
>= 25	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	26	240
>= 23	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	3	167
>= 21	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	3	113
>= 19	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	1	66
>= 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	52
>= 15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	29
>= 13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	18
>= 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7
>= 9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
TOTAL	5.6	24.6	21.0	17.0	11.9	9.1	5.8	2.8	1.3	.6	.2	.0*	.1	.0*	.0	.0	.0	7596	7596		7596
																				7596	

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	530348.	39836762.	69.8	19.229	7596
15 - DRY BULB	405005.	22374211.	53.3	10.135	7596
16 - WET BULB	365702.	18263380.	48.1	9.301	7596
17 - DEW PT.	323781.	14827667.	42.6	11.625	7596

40 - MEAN NO. OF HOURS WITH TEMP.

	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
	.0	13.7	70.3	22.8	3.7	.0	744
	57.6	93.1	13.0	1.0	.0	.0	744
	.0	160.7	5.6	.1	.0	.0	744

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DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL	TOTAL OBS		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B./ W.B.	DRY BULB	WET BULB	DEW PT.
>= 77	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	0	0
>= 75	.0	.0	.0	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	0	0
>= 73	.0	.0	.0*	.0*	.0*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9	9	0	0
>= 71	.0	.0	.0*	.1	.0*	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	13	13	1	0
>= 69	.0	.0*	.1	.1	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	26	26	1	0
>= 67	.0	.1	.1	.1	.0*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28	28	9	3
>= 65	.0*	.4	.1	.2	.1	.1	.1	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	71	71	27	13
>= 63	.1	.4	.2	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	81	81	44	31
>= 61	.1	.5	.2	.2	.2	.2	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	126	126	75	48
>= 59	.2	.6	.4	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	157	157	90	76
>= 57	.2	1.0	.5	.4	.3	.3	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	224	224	108	89
>= 55	.4	1.2	.7	.5	.3	.3	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	281	281	183	119
>= 53	.4	1.2	.9	.6	.5	.5	.3	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	327	327	202	163
>= 51	.7	1.4	.8	.8	.5	.6	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	393	393	275	192
>= 49	.8	1.5	1.1	1.0	.8	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	460	460	326	240
>= 47	.9	2.1	1.7	1.5	1.1	.8	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	610	610	362	284
>= 45	.7	2.1	2.2	1.4	1.3	.7	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	630	630	493	269
>= 43	.5	2.0	1.8	1.7	1.4	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	590	590	518	327
>= 41	.7	1.5	1.6	1.6	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	526	526	586	346
>= 39	.5	1.4	1.9	1.9	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	530	530	556	406
>= 37	.5	1.5	1.9	1.8	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	492	492	584	387
>= 35	.4	1.5	1.8	1.5	.6	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	437	437	565	433
>= 33	.4	1.4	2.3	1.4	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	431	431	536	362
>= 31	.4	1.3	1.7	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	338	338	515	410
>= 29	.2	1.2	1.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	265	265	455	471
>= 27	.1	.9	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	161	161	356	419
>= 25	.1	.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	109	109	258	377
>= 23	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	52	52	158	390
>= 21	.2	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	37	37	79	392
>= 19	.1	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29	29	48	316
>= 17	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18	18	25	252
>= 15	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	18	225
>= 13	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	5	133
>= 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	106
>= 9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	74
>= 7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	44
>= 5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	23
>= 3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	16
>= 1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	13
>= -1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
>= -7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
>= -9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1

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DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
TOTAL	8.9	26.4	25.8	18.9	11.3	6.0	1.9	.7	.1	.0*	.0	.0	.0	.0	.0	.0	.0	7460	7469	7460	7464

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	521661.	39244523.	69.9	19.257	7460
15 - DRY BULB	325010.	14863678.	43.5	9.826	7469
16 - WET BULB	294309.	12301743.	39.5	9.623	7460
17 - DEW PT.	249200.	9504254.	33.4	12.597	7464

40 - MEAN NO. OF HOURS WITH TEMP.

	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
28 - REL HUM	.0	98.0	7.6	1.2	.0	.0	720
15 - DRY BULB	44.4	229.6	1.1	.0	.0	.0	720
16 - WET BULB	1.4	354.6	.3	.0	.0	.0	720
17 - DEW PT.							

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DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL	TOTAL OBS		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B./ W.B.	DRY BULB	WET BULB	DEW PT.
>= 71	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	0	0
>= 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0
>= 67	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	0	0
>= 65	.0	.0	.0*	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	0	0
>= 63	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	6	6	0	0
>= 61	.0*	.1	.0*	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	23	5	1
>= 59	.0	.2	.2	.0*	.1	.0*	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	39	39	16	6
>= 57	.0*	.4	.2	.1	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	61	61	23	16
>= 55	.1	.5	.2	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	85	85	62	39
>= 53	.1	.5	.3	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	98	98	76	65
>= 51	.1	.6	.4	.2	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	121	121	72	56
>= 49	.2	.5	.5	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	141	141	112	79
>= 47	.2	.8	.4	.3	.3	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	182	182	109	94
>= 45	.2	.8	.6	.6	.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	218	218	162	104
>= 43	.3	1.1	.9	1.0	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	310	310	172	108
>= 41	.4	1.0	.9	1.2	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	342	342	211	154
>= 39	.7	1.4	1.4	1.0	.6	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	407	407	313	181
>= 37	.6	2.0	1.9	1.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	515	515	374	205
>= 35	.6	2.2	2.7	1.8	.6	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	608	608	475	257
>= 33	.8	2.8	3.2	1.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	715	715	569	329
>= 31	.9	2.4	3.2	1.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	672	672	683	397
>= 29	.6	2.5	2.9	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	610	610	710	413
>= 27	.5	1.9	2.2	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	449	449	620	425
>= 25	.4	1.9	2.3	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	423	423	575	459
>= 23	.1	2.1	2.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	398	398	494	465
>= 21	.3	1.7	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	298	298	415	444
>= 19	.3	1.6	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	269	269	391	426
>= 17	.2	1.5	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	217	217	312	385
>= 15	.2	1.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	155	155	240	385
>= 13	.2	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	116	116	173	372
>= 11	.1	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	81	81	129	336
>= 9	.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	64	64	76	272
>= 7	.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	51	51	70	269
>= 5	.1	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	38	38	50	241
>= 3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26	26	35	180
>= 1	.0*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	12	25	129
>= -1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	13	21	101
>= -3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	9	57
>= -5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	5	78
>= -7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	53
>= -9	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	2	49
>=-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	49
>=-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	25
>=-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	33
>=-17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	15
>=-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	14
>=-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	11
>=-23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
>=-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1

3 - PSYCHROMETRIC SUMMARY

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : DEC

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
>=-29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
>=-31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7
TOTAL	8.8	34.8	32.6	16.3	5.7	1.4	.3	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	7778	7798	7788	7790

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS	40 - MEAN NO. OF HOURS WITH TEMP. <=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
28 - REL HUM	526772.	38373772.	67.6	18.770	7788							
15 - DRY BULB	251954.	9082600.	32.3	10.991	7798	3.1	374.1	.2	.0	.0	.0	744
16 - WET BULB	227314.	7509440.	29.2	10.598	7788	41.6	519.0	.0	.0	.0	.0	744
17 - DEW PT.	170869.	5314053.	21.9	14.180	7790	47.6	582.2	.0	.0	.0	.0	744

C14790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : ANN

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
>=101	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	1	1	0	0
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	1	1	0	0
>= 97	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	6	6	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	33	33	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	63	63	0	0
>= 91	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	149	149	0	0
>= 89	.0	.0	.0	.0	.0*	.0*	.0*	.1	.1	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	270	270	0	0
>= 87	.0	.0*	.0	.0*	.0*	.0*	.1	.1	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	429	429	0	0
>= 85	.0	.0	.0	.0*	.0*	.1	.1	.1	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	628	628	1	1
>= 83	.0	.0	.0*	.0*	.1	.1	.2	.2	.2	.1	.1	.0*	.0*	.0*	.0	.0	.0	909	909	2	0
>= 81	.0	.0	.0*	.1	.2	.2	.2	.2	.2	.1	.1	.0*	.0*	.0*	.0	.0	.0	1186	1186	14	1
>= 79	.0	.0*	.0*	.2	.2	.2	.3	.2	.2	.1	.1	.0*	.0*	.0*	.0	.0	.0	1434	1434	73	5
>= 77	.0	.0*	.1	.2	.3	.3	.3	.2	.2	.1	.0*	.0*	.0*	.0	.0	.0	.0	1653	1653	220	34
>= 75	.0*	.1	.3	.3	.3	.3	.3	.2	.2	.1	.1	.0*	.0*	.0	.0	.0	.0	2077	2077	561	111
>= 73	.0*	.3	.4	.4	.3	.4	.3	.3	.2	.1	.0*	.0*	.0*	.0	.0	.0	.0	2403	2403	1200	400
>= 71	.1	.4	.5	.4	.4	.4	.3	.2	.2	.1	.0*	.0*	.0*	.0	.0	.0	.0	2585	2585	1802	895
>= 69	.1	.6	.6	.5	.4	.3	.3	.2	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	2914	2914	2420	1527
>= 67	.1	.7	.8	.5	.4	.4	.3	.2	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	3153	3153	2845	1927
>= 65	.1	.8	.8	.6	.4	.3	.3	.2	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	3269	3269	3149	2291
>= 63	.2	.9	.7	.6	.4	.4	.3	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	3416	3416	3609	2684
>= 61	.2	.9	.6	.6	.4	.3	.2	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	3148	3148	3666	3028
>= 59	.2	.9	.7	.6	.4	.3	.2	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	3173	3173	3668	3215
>= 57	.2	1.0	.7	.5	.4	.3	.2	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	3304	3304	3628	3250
>= 55	.3	.9	.7	.5	.4	.3	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	3095	3095	3592	3217
>= 53	.2	.8	.7	.5	.4	.3	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	2894	2894	3419	3298
>= 51	.2	.8	.7	.5	.4	.3	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	2956	2956	3293	3124
>= 49	.3	.8	.7	.5	.4	.3	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	2932	2932	3236	3216
>= 47	.2	.9	.7	.6	.5	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	3024	3024	3175	3111
>= 45	.2	.8	.8	.6	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0*	.0	.0	.0	3105	3105	3278	2882
>= 43	.3	.8	.8	.8	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3063	3063	3059	2838
>= 41	.3	.7	.8	.8	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3033	3033	3299	2968
>= 39	.3	.9	.9	.8	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3091	3091	3417	2840
>= 37	.4	1.1	1.0	.8	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3307	3307	3536	2947
>= 35	.4	1.2	1.1	.8	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3379	3379	3649	3057
>= 33	.4	1.2	1.2	.7	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3373	3373	3742	3085
>= 31	.3	1.1	1.1	.7	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3061	3061	3703	3352
>= 29	.2	.9	1.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2446	2446	3258	3311
>= 27	.2	.7	.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2046	2046	2776	2907
>= 25	.1	.7	.8	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1768	1768	2522	2809
>= 23	.1	.6	.8	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1534	1534	2057	2778
>= 21	.1	.5	.6	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1265	1265	1760	2552
>= 19	.1	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1066	1066	1481	2221
>= 17	.1	.5	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	906	906	1302	2021
>= 15	.1	.4	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	705	705	960	1818
>= 13	.0*	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	566	566	800	1649
>= 11	.0*	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	427	427	633	1493
																		353	353	453	1316

>=	5	.0*	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	142	142	.0	.0
>=	3	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

3 - PSYCHROMETRIC SUMMARY

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : ANN

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>= 1	.0*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	74	74	144	663
>= -1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	71	71	111	540
>= -3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	22	35	405
>= -5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	19	25	362
>= -7	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8	8	10	320
>= -9	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	8	249
>=-11	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	1	194
>=-13	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	1	165
>=-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	118
>=-17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	85
>=-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	76
>=-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	46
>=-23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	20
>=-25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	15
>=-27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	4
>=-29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	10
>=-31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9
>=-33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0
>=-35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
TOTAL	6.6	24.6	23.5	15.8	9.9	6.8	4.8	3.3	2.4	1.3	.6	.2	.1	.0*	.0*	.0	.0	90415	90489	90441	90461

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	6103899.	447362553.	67.5	19.767	90441
15 - DRY BULB	4542244.	259140150.	50.2	18.549	90489
16 - WET BULB	4069512.	208057746.	45.0	16.608	90441
17 - DEW PT.	3498642.	168909590.	38.7	19.272	90461

40 - MEAN NO. OF HOURS WITH TEMP.

	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
15 - DRY BULB	15.0	1647.3	1926.3	1088.6	428.5	10.1	8760
16 - WET BULB	678.6	2877.0	885.1	200.6	4.3	.0	8760
17 - DEW PT.	253.6	3341.8	474.6	53.5	.6	.0	8760

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 62	.0	.0	.0	.0	.0	.0	100.0	.0	.0	1	.0*
>= 57	.0	.0	.0	.0	30.0	40.0	26.7	.0	3.3	30	.4
>= 52	.0	.0	1.0	6.0	38.0	41.0	8.0	6.0	.0	100	1.3
>= 47	2.8	1.1	1.1	3.9	27.9	30.2	20.7	8.9	3.4	179	2.4
>= 42	4.0	7.7	6.6	4.8	15.1	22.8	17.2	13.3	8.5	377	5.0
>= 37	8.6	8.6	7.6	5.1	9.8	18.6	19.3	16.5	6.0	789	10.4
>= 32	13.9	9.0	4.8	5.2	8.0	13.6	18.6	17.8	9.1	1306	17.2
>= 27	17.3	5.3	3.9	2.0	5.6	10.3	20.4	21.4	13.8	1345	17.7
>= 22	17.4	4.6	1.3	.9	4.0	11.0	19.9	27.9	13.0	1239	16.3
>= 17	18.6	2.6	.6	.9	3.2	9.3	23.6	27.2	14.0	935	12.3
>= 12	15.3	2.3	.5	.5	1.8	9.9	22.8	32.1	14.9	619	8.1
>= 7	14.7	2.0	.0	.0	2.0	6.7	18.9	38.1	17.7	402	5.3
>= 2	17.1	.6	.0	.0	1.7	8.0	23.4	36.0	13.1	175	2.3
>= -3	15.2	.0	.0	1.3	2.5	7.6	30.4	32.9	10.1	79	1.0
>= -8	6.7	.0	.0	3.3	.0	3.3	26.7	36.7	23.3	30	.4
>=-13	.0	.0	.0	.0	.0	.0	.0	50.0	50.0	4	.1
TOTALS	14.3	5.1	3.0	2.5	6.8	13.0	20.3	23.4	11.6	7610	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 67	.0	.0	.0	.0	.0	.0	100.0	.0	.0	1	.0*
>= 62	.0	.0	.0	.0	16.7	50.0	16.7	16.7	.0	6	.1
>= 57	.0	.0	2.9	8.6	37.1	25.7	25.7	.0	.0	35	.5
>= 52	1.8	.0	4.4	7.0	30.7	31.6	15.8	5.3	3.5	114	1.6
>= 47	4.5	2.3	2.7	6.8	23.1	31.7	18.6	6.8	3.6	221	3.2
>= 42	5.8	4.1	2.8	6.0	15.7	27.6	21.1	12.3	4.5	464	6.6
>= 37	12.0	8.3	6.7	5.0	11.6	18.1	18.8	13.5	6.0	839	12.0
>= 32	13.7	13.7	9.4	4.6	8.8	10.4	14.8	15.7	8.9	1464	20.9
>= 27	16.4	10.3	4.9	3.0	8.5	8.2	16.5	19.7	12.4	1254	17.9
>= 22	18.9	7.0	1.9	1.3	4.8	6.9	20.3	23.9	15.0	1025	14.6
>= 17	19.5	5.5	1.1	.6	3.4	5.4	25.2	25.7	13.7	709	10.1
>= 12	17.0	2.7	.0	.2	1.5	6.1	22.5	33.8	16.2	476	6.8
>= 7	14.5	.0	.0	.0	2.0	3.6	28.5	34.1	17.3	249	3.6
>= 2	14.0	1.7	.0	.0	1.7	4.1	18.2	43.0	17.4	121	1.7
>= -3	17.9	.0	.0	.0	.0	3.6	10.7	60.7	7.1	28	.4
>= -8	.0	.0	.0	.0	.0	.0	.0	.0	100.0	2	.0*
>=-13	.0	.0	.0	.0	.0	.0	.0	100.0	.0	1	.0*
TOTALS	14.5	7.8	4.4	3.1	8.4	11.5	19.1	20.1	10.9	7009	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 77	.0	.0	.0	.0	50.0	50.0	.0	.0	.0	2	.0*
>= 72	.0	.0	.0	.0	21.4	64.3	7.1	.0	7.1	14	.2
>= 67	4.5	4.5	.0	.0	22.7	31.8	22.7	13.6	.0	22	.3
>= 62	1.7	1.7	1.7	5.0	18.3	46.7	16.7	8.3	.0	60	.8
>= 57	3.9	1.6	3.1	2.4	17.3	41.7	18.9	11.0	.0	127	1.6
>= 52	6.0	2.3	1.4	4.3	31.5	28.7	14.8	7.4	3.7	352	4.5
>= 47	8.7	4.5	4.2	5.1	19.0	18.1	18.2	18.1	4.3	554	7.2
>= 42	9.7	9.5	7.3	4.8	14.3	14.0	17.2	16.4	6.9	1067	13.8
>= 37	11.7	15.6	9.7	4.7	8.3	7.8	15.2	17.3	9.8	1709	22.1
>= 32	14.6	14.1	9.2	4.6	7.1	5.5	14.8	18.1	12.0	1906	24.6
>= 27	14.8	10.3	6.3	2.8	6.0	4.1	17.8	22.8	15.1	1068	13.8
>= 22	17.5	6.7	1.9	1.1	2.2	2.6	22.7	30.0	15.3	537	6.9
>= 17	19.0	2.5	.0	.0	4.0	4.0	23.0	32.0	15.5	200	2.6
>= 12	28.7	2.1	.0	.0	2.1	5.3	20.2	25.5	16.0	94	1.2
>= 7	35.7	.0	.0	.0	.0	.0	7.1	42.9	14.3	28	.4
>= 2	25.0	.0	.0	.0	.0	.0	.0	75.0	.0	8	.1
TOTALS	12.7	10.7	6.8	3.9	10.0	9.8	16.7	19.0	10.3	7748	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 92	.0	.0	.0	.0	100.0	.0	.0	.0	.0	1	.0*
>= 87	.0	.0	.0	.0	.0	33.3	66.7	.0	.0	3	.0*
>= 82	.0	5.3	5.3	.0	10.5	31.6	31.6	15.8	.0	19	.3
>= 77	8.6	.0	.0	5.7	14.3	40.0	28.6	2.9	.0	35	.5
>= 72	2.9	2.9	2.9	3.9	16.5	32.0	26.2	12.6	.0	103	1.4
>= 67	4.0	2.9	2.9	6.9	15.6	30.6	20.8	12.7	3.5	173	2.3
>= 62	5.4	4.0	4.8	4.8	16.7	29.8	16.1	15.3	3.0	372	4.9
>= 57	6.7	6.4	6.9	4.1	15.6	29.8	14.8	11.1	4.6	655	8.7
>= 52	9.6	7.0	6.8	5.0	17.4	22.1	12.2	14.2	5.5	998	13.2
>= 47	9.6	13.1	8.4	5.9	13.9	16.3	13.1	14.7	5.1	1286	17.0
>= 42	12.0	15.6	10.8	6.4	9.5	11.0	12.0	13.8	9.0	1715	22.7
>= 37	14.3	17.1	8.4	4.4	8.2	7.7	14.0	13.6	12.3	1335	17.7
>= 32	14.8	9.8	6.6	1.5	5.1	7.6	15.9	18.2	20.7	687	9.1
>= 27	21.9	1.4	3.4	.0	6.8	6.2	15.8	19.9	24.7	146	1.9
>= 22	19.0	4.8	.0	.0	.0	9.5	4.8	57.1	4.8	21	.3
>= 17	7.7	.0	.0	.0	.0	.0	23.1	61.5	7.7	13	.2
>= 12	.0	.0	.0	.0	.0	.0	.0	100.0	.0	1	.0*
TOTALS	11.0	11.5	7.9	4.9	11.7	15.8	14.0	14.5	8.8	7563	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 92	.0	.0	.0	.0	.0	50.0	50.0	.0	.0	4	.1
>= 87	2.5	.0	.0	.0	17.5	27.5	35.0	15.0	2.5	40	.5
>= 82	2.1	.0	2.1	3.1	11.5	45.8	25.0	9.4	1.0	96	1.2
>= 77	3.3	1.9	4.3	3.3	14.3	39.5	22.9	7.6	2.9	210	2.7
>= 72	5.2	5.4	3.7	4.9	18.0	34.2	17.5	8.9	2.2	406	5.2
>= 67	6.9	3.4	5.6	6.1	17.7	31.7	14.6	10.7	3.3	700	9.0
>= 62	7.3	6.9	8.0	6.6	18.4	26.7	12.2	10.3	3.6	1129	14.5
>= 57	10.1	9.2	6.7	5.7	21.5	23.2	9.5	8.7	5.5	1407	18.1
>= 52	12.6	14.6	7.1	5.2	15.3	16.0	9.6	9.4	10.3	1558	20.0
>= 47	12.8	18.6	9.2	4.4	13.5	12.6	7.6	10.2	11.1	1232	15.8
>= 42	13.7	21.1	8.3	4.5	6.2	8.7	6.9	10.1	20.4	771	9.9
>= 37	14.1	15.1	6.0	1.0	4.0	6.0	9.5	12.1	32.2	199	2.6
>= 32	5.7	5.7	2.9	.0	.0	8.6	17.1	8.6	51.4	35	.4
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1	.0*
TOTALS	10.2	11.7	7.0	5.1	15.6	20.7	11.0	9.7	8.9	7788	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 97	.0	.0	.0	.0	.0	.0	100.0	.0	.0	1	.0*
>= 92	2.6	.0	.0	.0	5.3	28.9	50.0	10.5	2.6	38	.5
>= 87	2.4	.0	3.2	.8	4.0	33.1	37.9	15.3	3.2	124	1.7
>= 82	3.5	2.0	2.5	3.0	11.1	39.5	26.3	11.1	.8	395	5.4
>= 77	4.7	5.0	4.1	4.1	17.2	30.3	21.2	10.4	3.2	664	9.0
>= 72	5.1	5.4	5.3	4.6	20.6	30.2	14.6	11.1	3.1	1037	14.1
>= 67	6.2	4.9	5.5	5.1	20.3	31.3	11.6	9.0	6.1	1349	18.3
>= 62	6.0	8.3	8.6	4.2	19.4	24.5	10.9	9.0	9.1	1508	20.5
>= 57	9.1	15.2	9.8	4.9	14.5	15.9	11.6	5.7	13.3	1203	16.3
>= 52	14.5	22.8	11.3	2.5	8.3	9.5	6.9	5.5	18.6	758	10.3
>= 47	7.6	18.0	10.4	1.6	4.8	6.0	9.2	10.4	32.0	250	3.4
>= 42	.0	5.0	.0	.0	2.5	10.0	10.0	7.5	65.0	40	.5
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1	.0*
TOTALS	7.0	9.4	7.2	4.1	16.2	24.4	13.6	8.8	9.3	7368	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE ENE	ENE & E	ESE ESE	SSE & S	SSW SW	WSW & W	WNW NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 97	.0	.0	.0	.0	50.0	25.0	25.0	.0	.0	4	.1
>= 92	.0	.0	.0	.0	3.1	36.7	45.9	14.3	.0	98	1.3
>= 87	1.0	1.3	3.0	2.6	11.9	30.8	37.7	10.3	1.3	302	4.0
>= 82	3.4	1.9	3.2	2.4	12.5	36.2	27.7	10.3	2.5	802	10.5
>= 77	5.7	3.2	5.6	4.9	18.1	31.4	16.4	11.1	3.6	1205	15.8
>= 72	5.9	6.7	5.3	3.6	20.5	30.1	12.4	8.8	6.8	1740	22.8
>= 67	7.7	5.6	5.5	4.3	19.1	26.4	9.2	8.8	13.4	1665	21.8
>= 62	11.1	8.7	6.0	5.3	14.2	14.2	10.5	9.5	20.5	1203	15.8
>= 57	11.5	9.3	4.9	3.1	13.0	9.5	5.2	7.8	35.7	485	6.4
>= 52	10.7	6.3	8.0	.9	4.5	1.8	15.2	10.7	42.0	112	1.5
>= 47	9.1	.0	.0	.0	9.1	.0	18.2	.0	63.6	11	.1
>= 42	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1	.0*
TOTALS	7.0	5.5	5.2	3.9	16.7	25.9	14.7	9.5	11.6	7628	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : AUG
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>=102	.0	.0	.0	.0	.0	.0	100.0	.0	.0	1	.0*
>= 97	50.0	.0	.0	.0	.0	.0	50.0	.0	.0	2	.0*
>= 92	6.1	3.0	3.0	.0	9.1	33.3	39.4	6.1	.0	33	.4
>= 87	2.6	1.3	3.8	1.7	10.3	32.5	38.9	7.3	1.7	234	3.1
>= 82	2.8	3.1	3.7	3.3	10.9	35.0	26.2	10.9	4.0	669	8.8
>= 77	6.4	4.3	5.3	4.9	16.4	29.7	17.8	10.2	5.0	1054	13.9
>= 72	6.1	5.9	6.5	4.2	16.8	29.1	13.9	8.4	9.1	1585	20.9
>= 67	9.0	11.0	6.2	6.0	15.7	19.6	10.3	8.9	13.4	1624	21.4
>= 62	14.9	11.9	6.0	4.3	13.1	12.5	7.0	8.0	22.5	1508	19.9
>= 57	10.4	12.3	3.8	3.2	9.8	6.8	7.6	10.6	35.5	633	8.4
>= 52	8.4	6.3	.0	1.1	7.9	5.8	11.6	13.7	45.3	190	2.5
>= 47	6.9	.0	.0	.0	3.4	3.4	20.7	13.8	51.7	29	.4
>= 42	.0	.0	.0	.0	.0	.0	22.2	.0	77.8	9	.1
>= 37	.0	.0	.0	.0	.0	.0	25.0	.0	75.0	4	.1
TOTALS	8.5	8.1	5.4	4.3	14.1	21.9	13.7	9.2	14.8	7575	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : SEP
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 92	25.0	.0	.0	.0	.0	25.0	25.0	25.0	.0	4	.1
>= 87	1.6	1.6	.0	.0	4.8	27.0	55.6	9.5	.0	63	.9
>= 82	1.7	.6	4.6	2.3	4.6	41.6	32.4	10.4	1.7	173	2.4
>= 77	6.0	3.9	3.4	5.7	14.1	35.5	18.3	8.9	4.2	383	5.2
>= 72	6.1	4.1	4.6	3.5	18.2	32.6	16.3	9.1	5.5	824	11.3
>= 67	6.1	5.4	8.2	5.1	18.8	23.9	12.3	12.0	8.2	1190	16.3
>= 62	9.9	13.5	8.2	3.8	14.9	16.7	9.9	10.3	12.8	1542	21.1
>= 57	12.4	18.8	8.9	4.0	9.9	10.0	7.7	10.1	18.1	1459	20.0
>= 52	13.4	15.5	7.2	2.4	7.9	5.2	7.5	11.4	29.5	968	13.2
>= 47	13.0	6.4	3.6	1.7	5.3	3.8	9.8	14.7	41.5	468	6.4
>= 42	7.9	1.7	.6	.6	5.1	5.1	9.0	12.4	57.6	177	2.4
>= 37	4.0	.0	.0	.0	6.0	2.0	20.0	20.0	48.0	50	.7
>= 32	.0	.0	.0	.0	.0	.0	.0	.0	100.0	8	.1
TOTALS	9.5	10.7	6.9	3.6	12.7	17.2	11.7	10.9	16.9	7309	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : OCT
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 82	.0	.0	.0	.0	5.6	44.4	44.4	5.6	.0	18	.2
>= 77	3.7	.0	1.2	1.2	12.2	34.1	35.4	8.5	3.7	82	1.1
>= 72	4.3	1.0	2.9	6.2	20.6	32.5	25.8	2.9	3.8	209	2.8
>= 67	6.4	3.2	4.6	5.1	16.9	34.5	15.9	9.8	3.7	409	5.4
>= 62	6.0	4.5	6.3	6.0	20.6	26.3	14.3	9.4	6.5	893	11.8
>= 57	8.7	9.5	7.7	6.5	15.7	19.3	13.4	10.2	8.9	1261	16.6
>= 52	11.1	13.2	10.6	3.6	10.1	15.1	12.1	11.7	12.5	1456	19.2
>= 47	13.9	14.1	7.8	2.8	7.4	10.4	12.6	14.1	16.9	1369	18.0
>= 42	14.8	9.0	3.6	1.6	6.6	9.7	14.4	17.9	22.4	943	12.4
>= 37	13.5	3.8	.5	.5	6.0	6.8	11.7	19.6	37.5	547	7.2
>= 32	10.9	.3	.3	.0	4.1	5.0	11.6	24.1	43.8	320	4.2
>= 27	6.3	.0	.0	.0	3.7	1.2	17.5	18.8	52.5	80	1.1
>= 22	.0	.0	.0	.0	.0	.0	25.0	.0	75.0	8	.1
>= 17	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1	.0*
TOTALS	10.6	8.8	6.3	3.7	11.4	16.2	13.9	13.2	16.0	7596	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : NOV
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 77	.0	.0	.0	.0	.0	.0	100.0	.0	.0	1	.0*
>= 72	.0	.0	.0	.0	15.0	60.0	15.0	10.0	.0	20	.3
>= 67	.0	.0	.0	1.7	29.3	44.8	19.0	3.4	1.7	58	.8
>= 62	.5	1.9	.5	3.9	38.8	31.6	12.6	4.4	5.8	206	2.8
>= 57	3.3	2.6	2.6	4.9	26.0	35.8	14.1	6.2	4.4	453	6.1
>= 52	5.6	7.7	7.3	5.7	20.2	21.7	15.4	10.4	6.0	820	11.0
>= 47	10.4	13.4	8.9	5.9	12.4	13.8	17.1	11.8	6.3	1251	16.7
>= 42	13.8	10.9	9.3	3.8	6.9	9.8	16.9	14.9	11.6	1511	20.2
>= 37	14.7	6.7	5.4	2.8	6.6	8.7	21.0	18.5	15.7	1261	16.9
>= 32	16.6	4.5	1.1	1.2	5.7	9.2	19.2	21.9	20.4	1071	14.3
>= 27	14.5	2.1	.5	.0	4.9	7.6	16.6	26.0	27.7	566	7.6
>= 22	9.7	.5	.5	.5	4.3	4.9	20.0	23.8	35.7	185	2.5
>= 17	6.7	.0	.0	.0	1.7	6.7	33.3	23.3	28.3	60	.8
>= 12	.0	.0	.0	.0	.0	.0	16.7	33.3	50.0	6	.1
TOTALS	11.6	7.5	5.5	3.5	11.4	13.8	17.7	15.7	13.3	7469	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE & ENE	ENE & E	ESE & ESE	SSE & S	SSW & SSW	WSW & W	WNW & WNW	CALM	TOTAL FREQ.	% OF TOTAL
>= 67	.0	.0	.0	.0	.0	50.0	50.0	.0	.0	2	.0*
>= 62	6.3	.0	.0	.0	25.0	50.0	12.5	.0	6.3	16	.2
>= 57	1.7	.9	.0	.9	22.2	52.1	14.5	7.7	.0	117	1.5
>= 52	1.6	.8	.4	2.9	26.5	46.9	12.7	5.7	2.4	245	3.1
>= 47	4.2	2.1	3.9	5.5	17.8	33.0	17.5	10.5	5.5	382	4.9
>= 42	10.1	6.3	7.2	5.2	13.2	20.0	21.9	11.9	4.2	695	8.9
>= 37	10.0	8.6	8.6	3.2	8.9	15.5	21.4	14.4	9.4	1097	14.1
>= 32	15.6	8.7	4.2	3.3	7.7	13.5	16.3	18.2	12.4	1721	22.1
>= 27	17.8	5.4	3.0	1.3	5.8	9.6	17.0	23.8	16.3	1335	17.1
>= 22	21.0	4.5	.9	1.0	4.7	7.6	19.3	27.0	13.9	976	12.5
>= 17	17.2	2.7	.8	.6	3.3	8.0	23.3	26.3	17.7	634	8.1
>= 12	15.7	.0	.3	.0	3.1	7.4	25.0	30.6	17.9	324	4.2
>= 7	22.6	.0	.0	.0	1.4	6.8	22.6	30.8	15.8	146	1.9
>= 2	16.2	.0	.0	1.4	2.7	10.8	25.7	25.7	17.6	74	.9
>= -3	16.0	.0	.0	.0	4.0	4.0	16.0	32.0	28.0	25	.3
>= -8	12.5	.0	.0	.0	12.5	.0	12.5	50.0	12.5	8	.1
>=-13	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1	.0*
TOTALS	14.4	5.5	3.7	2.4	8.3	14.7	19.1	19.8	12.1	7798	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : ANN
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>=102	.0	.0	.0	.0	.0	.0	100.0	.0	.0	1	.0*
>= 97	14.3	.0	.0	.0	28.6	14.3	42.9	.0	.0	7	.0*
>= 92	2.2	.6	.6	.0	5.1	34.3	44.9	11.8	.6	178	.2
>= 87	1.8	1.0	2.9	1.7	9.8	31.2	39.6	10.3	1.7	766	.8
>= 82	3.0	2.1	3.3	2.8	11.0	37.3	27.4	10.6	2.5	2172	2.4
>= 77	5.6	3.7	4.8	4.7	16.6	31.7	18.8	10.1	3.9	3636	4.0
>= 72	5.6	5.5	5.3	4.1	19.0	30.8	14.8	9.0	6.0	5938	6.6
>= 67	7.1	6.2	5.9	5.2	18.3	26.6	11.7	9.7	9.2	7193	8.0
>= 62	9.0	8.9	6.9	4.9	17.1	20.6	10.8	9.5	12.4	8444	9.3
>= 57	9.3	11.3	7.0	4.7	15.7	18.9	10.8	8.9	13.5	7865	8.7
>= 52	10.4	11.8	7.4	4.1	14.8	16.9	11.0	10.2	13.4	7671	8.5
>= 47	10.6	12.1	7.3	4.5	12.6	14.7	13.4	12.8	12.0	7232	8.0
>= 42	11.5	11.3	7.6	4.5	10.2	13.0	15.0	14.1	12.7	7770	8.6
>= 37	12.2	11.0	7.3	3.8	8.3	11.0	17.2	16.0	13.1	7831	8.7
>= 32	14.6	10.0	6.0	3.6	7.2	9.8	16.2	18.3	14.3	8518	9.4
>= 27	16.4	6.8	4.0	1.9	6.3	8.0	17.8	22.2	16.5	5795	6.4
>= 22	18.3	5.3	1.4	1.0	4.1	7.7	20.2	26.9	15.2	3991	4.4
>= 17	18.2	3.3	.7	.6	3.3	7.4	24.2	27.0	15.3	2552	2.8
>= 12	16.7	1.9	.3	.3	2.0	7.8	23.0	32.0	16.1	1520	1.7
>= 7	16.7	1.0	.0	.0	1.8	5.6	22.1	35.8	17.1	825	.9
>= 2	16.1	.8	.0	.3	1.9	7.1	21.7	37.0	15.1	378	.4
>= -3	15.9	.0	.0	.8	2.3	6.1	23.5	38.6	12.9	132	.1
>= -8	7.5	.0	.0	2.5	2.5	2.5	22.5	37.5	25.0	40	.0*
>=-13	.0	.0	.0	.0	.0	.0	.0	50.0	50.0	6	.0*
TOTALS	10.9	8.5	5.8	3.8	12.0	17.1	15.4	14.5	12.0	90461	100.0

NOTES :
* = PERCENT < .05

11 - SKY COVER

014790 SOUTH WEYMOUTH, MA
LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

MONTH	HOURS (LST)	PRECENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS) CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL
JAN	01	32.4	13.1	10.7	43.8	819
	04	32.6	12.7	11.1	43.6	819
	07	18.4	24.1	15.4	42.1	1005
	10	21.0	20.5	16.4	42.1	1005
	13	17.6	22.7	18.2	41.4	1004
	16	16.6	24.4	18.6	40.3	1004
	19	29.9	18.0	11.0	41.0	992
	22	33.3	13.1	12.3	41.4	962
	ALL	24.8	18.9	14.4	41.9	7610
FEB	01	35.1	14.0	10.9	40.0	763
	04	35.2	12.5	10.6	41.7	761
	07	19.8	21.1	16.2	42.8	932
	10	19.4	19.4	16.4	44.7	932
	13	16.1	20.0	20.8	43.1	932
	16	18.2	20.0	18.0	43.8	932
	19	27.6	19.0	13.5	39.9	902
	22	33.0	14.6	12.2	40.2	869
	ALL	25.0	17.8	15.1	42.1	7023
MAR	01	32.9	12.0	12.4	42.7	840
	04	32.6	13.6	9.8	44.0	837
	07	19.8	20.2	16.2	43.7	1023
	10	15.1	22.0	18.9	44.1	1023
	13	13.3	20.0	23.3	43.4	1022
	16	13.0	23.0	21.8	42.2	1022
	19	22.1	21.8	14.1	42.0	1009
	22	31.4	13.2	12.5	42.9	975
	ALL	22.0	18.5	16.4	43.1	7751
APR	01	33.0	13.8	10.6	42.5	811
	04	31.5	14.9	12.3	41.2	810
	07	20.7	18.7	17.2	43.4	990
	10	14.6	22.9	21.4	41.0	990
	13	12.8	22.2	24.2	40.7	990
	16	11.4	24.3	24.5	39.7	990
	19	16.7	23.0	16.7	43.6	990
	22	26.7	17.9	13.4	42.0	923
	ALL	20.3	20.0	17.9	41.8	7494

11 - SKY COVER

014790 SOUTH WEYMOUTH, MA
LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

PRECENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL
MAY	01	28.6	14.4	14.9	42.1	863
	04	16.9	22.2	17.4	43.5	862
	07	16.1	19.6	20.6	43.6	1023
	10	12.5	24.1	23.8	39.6	1023
	13	8.7	23.2	30.6	37.5	1023
	16	9.2	24.4	28.5	37.8	1023
	19	11.8	21.5	26.5	40.2	1023
	22	23.3	17.2	15.8	43.7	903
	ALL	15.5	21.0	22.6	40.9	7743
JUN	01	26.9	20.1	14.2	38.8	783
	04	15.5	27.0	16.5	41.0	781
	07	16.5	24.5	18.7	40.3	990
	10	13.7	25.1	24.3	36.9	990
	13	6.1	27.6	31.3	35.0	989
	16	7.5	29.0	30.8	32.7	990
	19	10.4	25.6	29.1	34.9	990
	22	24.8	22.9	15.5	36.8	815
	ALL	14.6	25.4	23.1	36.9	7328
JUL	01	27.9	22.6	14.2	35.3	810
	04	15.7	27.8	20.7	35.8	808
	07	15.3	22.8	25.4	36.5	1023
	10	11.7	27.0	28.7	32.6	1022
	13	4.0	28.5	38.6	28.8	1023
	16	5.3	32.2	36.8	25.8	1023
	19	11.2	29.5	30.8	28.4	1023
	22	22.6	27.7	21.2	28.4	844
	ALL	13.6	27.4	27.7	31.3	7576
AUG	01	26.9	21.8	18.0	33.3	811
	04	23.6	24.1	15.9	36.3	809
	07	16.6	22.5	25.1	35.8	1023
	10	14.0	27.9	27.2	31.0	1023
	13	6.1	32.6	31.8	29.6	1023
	16	8.7	32.6	30.8	27.9	1023
	19	11.8	32.7	24.3	31.1	1023
	22	24.1	24.1	20.3	31.5	842
	ALL	15.8	27.6	24.7	31.9	7577

11 - SKY COVER

D14790 SOUTH WEYMOUTH, MA
LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

PRECENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL
SEP	01	34.6	14.9	14.5	35.9	785
	04	34.7	17.9	11.6	35.8	782
	07	19.8	23.8	18.4	38.0	990
	10	16.3	27.0	22.3	34.4	989
	13	10.3	30.8	27.0	31.9	990
	16	12.5	31.2	26.5	29.7	989
	19	19.4	28.9	21.6	30.2	987
	22	28.8	22.1	17.4	31.8	806
	ALL	21.2	25.1	20.4	33.4	7318
OCT	01	36.7	16.5	11.8	35.1	807
	04	35.9	17.1	13.9	33.1	807
	07	18.6	25.1	22.5	33.8	1023
	10	17.3	27.3	22.4	33.0	1022
	13	15.0	28.3	24.4	32.4	1023
	16	18.0	27.2	21.5	33.3	1023
	19	30.7	20.9	16.7	31.8	1021
	22	32.7	18.4	14.9	34.0	871
	ALL	24.9	23.0	18.9	33.2	7597
NOV	01	29.4	14.0	11.6	44.9	792
	04	29.3	15.3	12.3	43.1	791
	07	14.2	22.1	22.4	41.4	988
	10	14.2	22.8	19.9	43.2	989
	13	10.6	24.5	22.8	42.0	990
	16	11.3	24.0	24.4	40.2	990
	19	24.6	20.4	13.3	41.7	979
	22	28.5	16.2	11.0	44.3	951
	ALL	19.7	20.2	17.5	42.5	7470
DEC	01	31.0	13.2	9.8	46.0	844
	04	32.9	12.2	11.0	43.8	844
	07	16.3	25.4	15.9	42.3	1023
	10	14.8	23.0	17.9	44.3	1022
	13	13.6	23.2	20.3	42.9	1023
	16	14.6	23.7	19.1	42.7	1023
	19	28.7	14.8	12.2	44.3	1022
	22	29.2	14.9	11.7	44.1	997
	ALL	22.2	19.1	15.0	43.8	7798

11 - SKY COVER

014790 SOUTH WEYMOUTH, MA
LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

PRECENTAGE FREQUENCY OF TOTAL SKY COVER

MONTH	HOURS (LST)	(FROM HOURLY OBSERVATIONS) CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL
ANN	01	31.3	15.8	12.8	40.1	9728
	04	28.0	18.1	13.6	40.3	9711
	07	17.7	22.5	19.5	40.3	12033
	10	15.4	24.1	21.7	38.9	12030
	13	11.1	25.3	26.2	37.4	12032
	16	12.2	26.4	25.2	36.3	12032
	19	20.3	23.0	19.2	37.4	11961
	22	28.3	18.3	14.7	38.7	10758
	ALL	20.0	22.0	19.5	38.6	90285

12 - RELATIVE HUMIDITY

U14790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
JAN	01	100.0	99.9	99.0	94.2	84.7	67.4	48.5	31.1	13.7	69.3	817
	04	100.0	100.0	99.6	95.7	86.3	70.6	50.7	31.9	15.4	70.5	817
	07	100.0	100.0	99.2	96.1	88.4	74.0	53.9	34.3	17.0	71.7	1004
	10	100.0	99.8	98.0	92.1	78.5	58.6	39.2	26.1	13.7	66.2	1004
	13	100.0	99.7	96.5	84.5	64.1	41.9	27.9	19.7	11.4	60.2	1003
	16	100.0	99.4	95.0	81.5	58.7	41.4	28.3	20.2	11.1	59.1	1003
	19	100.0	99.7	97.4	90.1	75.7	55.7	38.9	24.0	11.9	64.8	990
	22	100.0	99.6	98.1	92.9	81.5	64.5	44.4	27.1	12.9	67.7	959
	ALL	100.0	99.7	97.8	90.7	76.8	58.8	41.1	26.6	13.3	66.0	7597
FEB	01	100.0	99.7	98.3	92.8	82.3	64.4	47.6	30.1	14.0	68.5	763
	04	100.0	100.0	99.2	94.7	85.7	70.6	51.1	33.2	16.2	70.4	761
	07	100.0	100.0	99.4	96.4	87.1	71.9	53.6	36.8	17.6	71.9	932
	10	100.0	99.7	97.6	89.5	74.5	53.4	36.6	24.8	13.4	64.6	932
	13	100.0	99.6	94.7	80.7	57.6	40.8	27.8	18.3	11.1	58.6	932
	16	100.0	99.2	93.1	75.9	54.7	40.9	28.3	19.7	10.2	57.7	932
	19	100.0	99.8	96.7	87.6	70.7	51.2	35.5	23.7	11.4	63.3	902
	22	100.0	99.5	98.6	91.4	79.0	60.6	42.5	27.4	13.5	66.8	868
	ALL	100.0	99.7	97.1	88.3	73.4	56.2	39.9	26.5	13.3	65.0	7022
MAR	01	100.0	100.0	98.6	92.7	83.7	69.7	51.3	34.4	15.8	70.3	838
	04	100.0	100.0	99.0	95.3	88.6	75.1	56.0	35.2	17.6	72.1	835
	07	100.0	100.0	98.8	94.9	87.7	72.8	57.3	38.1	21.0	72.7	1021
	10	100.0	100.0	95.7	83.2	62.9	46.0	33.3	24.1	13.0	61.5	1023
	13	100.0	99.3	89.5	70.2	51.2	36.5	26.6	20.2	10.5	56.1	1022
	16	100.0	98.0	88.5	69.3	50.4	36.6	26.9	20.1	10.6	55.5	1022
	19	99.9	99.1	94.8	85.1	69.3	50.9	36.4	24.7	12.1	62.8	1009
	22	100.0	99.9	96.8	91.0	79.0	63.2	44.4	29.1	13.7	67.4	975
	ALL	100.0	99.5	95.0	84.8	70.8	55.5	40.9	27.9	14.2	64.5	7745
APR	01	100.0	100.0	98.9	95.4	87.2	73.7	55.4	35.6	16.8	72.0	811
	04	100.0	99.9	99.6	97.5	89.9	77.4	59.1	39.9	19.5	73.9	810
	07	100.0	100.0	98.8	95.2	83.6	67.3	49.8	33.3	18.3	70.7	1004
	10	100.0	99.4	91.0	73.5	52.9	37.6	25.6	17.5	10.5	56.5	1012
	13	100.0	96.1	80.3	59.7	41.7	29.8	21.0	14.5	7.6	50.6	1012
	16	100.0	95.5	80.8	63.1	45.0	31.3	22.3	15.2	7.8	51.6	1001
	19	100.0	99.1	92.7	79.8	63.0	45.3	32.2	21.1	10.0	60.1	989
	22	100.0	99.8	97.4	91.3	79.6	63.2	47.1	27.9	11.8	67.6	922
	ALL	100.0	98.7	92.0	81.1	66.6	52.0	38.0	25.0	12.5	62.3	7561

12 - RELATIVE HUMIDITY

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
MAY	01	100.0	100.0	99.5	97.3	90.8	80.1	66.5	40.8	21.7	75.8	863
	04	100.0	100.0	99.9	98.7	94.8	86.1	71.1	48.9	24.3	78.4	861
	07	100.0	100.0	98.9	94.6	85.3	68.9	52.2	33.4	18.1	71.1	1023
	10	100.0	99.4	90.8	72.5	54.2	38.9	28.6	18.9	10.1	57.1	1041
	13	99.9	96.2	81.7	59.9	44.1	31.8	22.1	15.2	6.9	51.6	1041
	16	100.0	97.2	83.8	64.7	46.8	34.1	24.2	16.1	6.7	52.9	1033
	19	100.0	99.0	94.2	83.0	67.1	49.1	34.5	22.1	9.7	61.7	1022
	22	100.0	100.0	99.0	95.3	86.0	72.6	54.1	35.3	14.6	71.5	902
	ALL	100.0	98.9	93.1	82.4	69.9	56.3	42.9	28.0	13.6	64.3	7786
JUN	01	100.0	100.0	100.0	99.7	97.8	92.7	80.2	57.1	21.7	80.8	783
	04	100.0	100.0	100.0	99.9	99.4	95.9	84.1	61.6	25.6	82.8	781
	07	100.0	100.0	100.0	99.5	94.6	81.1	62.2	41.5	16.3	75.4	990
	10	100.0	100.0	98.3	86.9	67.3	45.1	30.9	19.1	8.3	61.1	1004
	13	100.0	99.9	93.5	73.4	52.7	34.7	24.3	14.5	5.2	55.4	1003
	16	100.0	99.7	94.3	77.0	56.2	37.4	25.3	15.4	6.0	56.8	1004
	19	100.0	100.0	99.5	93.5	79.7	58.6	39.3	24.5	9.1	66.1	990
	22	100.0	100.0	100.0	99.4	96.0	86.4	69.0	44.0	14.6	76.8	815
	ALL	100.0	99.9	98.0	90.4	79.0	64.3	49.7	33.0	12.7	68.5	7370
JUL	01	100.0	100.0	100.0	99.9	98.1	94.0	83.1	63.2	23.0	82.2	810
	04	100.0	100.0	100.0	100.0	99.3	96.7	86.6	68.7	30.1	84.1	808
	07	100.0	100.0	100.0	100.0	97.5	85.7	66.1	47.9	16.0	77.0	1023
	10	100.0	100.0	99.5	90.9	69.5	46.2	28.3	16.2	4.7	61.1	1040
	13	100.0	100.0	97.1	77.8	50.9	31.9	19.3	10.1	3.3	54.5	1041
	16	100.0	100.0	96.8	81.6	57.0	36.1	20.6	11.4	3.4	56.3	1040
	19	100.0	100.0	99.4	95.9	83.1	64.5	44.8	23.4	6.5	67.4	1021
	22	100.0	100.0	100.0	99.1	96.8	90.2	74.3	49.0	12.9	78.0	843
	ALL	100.0	100.0	99.0	92.6	80.0	65.9	50.4	34.1	11.6	69.1	7626
AUG	01	100.0	100.0	100.0	100.0	99.1	94.6	84.8	60.4	22.9	82.2	811
	04	100.0	100.0	100.0	100.0	99.5	97.3	87.0	66.9	24.8	83.7	809
	07	100.0	100.0	100.0	100.0	98.8	93.1	77.2	55.3	17.8	80.0	1023
	10	100.0	100.0	99.8	96.0	76.6	51.8	30.0	16.1	5.6	63.1	1023
	13	100.0	100.0	98.6	83.4	56.0	33.5	18.8	11.5	4.7	56.2	1022
	16	100.0	100.0	98.2	84.9	61.9	40.1	24.7	13.0	5.7	58.2	1022
	19	100.0	100.0	100.0	98.6	91.3	72.3	49.6	26.5	7.9	70.2	1023
	22	100.0	100.0	100.0	99.9	97.7	92.9	75.9	51.5	13.5	78.9	842
	ALL	100.0	100.0	99.6	95.0	84.0	70.1	53.8	35.9	12.2	70.8	7575

12 - RELATIVE HUMIDITY

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
SEP	01	100.0	100.0	100.0	99.9	98.1	94.6	81.5	58.1	24.2	81.9	785
	04	100.0	100.0	100.0	100.0	99.4	95.5	83.6	62.3	28.4	83.2	782
	07	100.0	100.0	100.0	100.0	98.7	93.4	80.7	60.6	28.7	82.5	989
	10	100.0	100.0	99.6	95.8	78.9	57.2	34.1	20.0	8.4	64.9	989
	13	100.0	100.0	97.1	84.6	61.3	37.9	23.7	15.5	6.1	58.1	990
	16	100.0	99.9	97.3	85.7	66.1	44.1	27.8	16.4	6.6	60.0	989
	19	100.0	100.0	99.9	98.5	94.4	81.8	58.9	34.5	11.5	73.7	986
	22	100.0	99.9	99.9	99.5	96.0	89.8	77.8	50.6	19.6	79.3	805
	ALL	100.0	100.0	99.2	95.1	85.7	72.7	56.7	38.3	16.1	72.3	7315
OCT	01	100.0	100.0	100.0	99.1	95.9	86.1	71.3	51.1	23.8	78.7	807
	04	100.0	100.0	100.0	99.8	96.8	88.6	73.1	51.8	25.9	79.8	807
	07	100.0	100.0	100.0	99.5	96.8	88.6	74.1	54.7	28.9	80.4	1023
	10	100.0	100.0	99.4	93.3	72.8	50.4	34.2	21.0	9.5	63.9	1022
	13	100.0	99.5	94.7	76.5	52.5	33.9	23.0	15.1	7.1	56.0	1022
	16	100.0	99.7	94.4	78.3	58.1	40.5	27.1	16.6	8.8	57.8	1023
	19	100.0	100.0	99.3	97.4	87.5	73.0	50.5	29.6	12.2	70.8	1021
	22	100.0	100.0	100.0	98.9	93.9	82.0	64.9	42.3	18.4	76.0	871
	ALL	100.0	99.9	98.4	92.4	80.7	66.5	50.9	34.2	16.4	69.8	7596
NOV	01	100.0	100.0	99.7	98.1	91.3	78.6	63.3	45.1	23.3	75.7	790
	04	100.0	100.0	100.0	98.9	93.2	81.6	65.6	45.1	24.1	76.8	790
	07	100.0	100.0	100.0	98.8	94.8	83.7	65.1	47.6	27.1	77.6	987
	10	100.0	100.0	99.6	94.2	76.4	59.4	42.3	28.1	16.4	67.4	988
	13	100.0	100.0	96.7	79.5	60.3	43.0	29.5	20.1	10.9	59.7	990
	16	100.0	100.0	95.8	82.4	63.7	49.5	33.1	20.9	10.5	61.3	990
	19	100.0	100.0	99.3	94.6	82.8	69.4	49.8	31.0	14.4	70.0	977
	22	100.0	100.0	99.9	97.5	88.4	75.5	57.8	40.4	19.1	73.7	948
	ALL	100.0	100.0	98.8	92.7	80.7	66.9	50.1	34.2	17.9	69.9	7460
DEC	01	100.0	99.9	98.9	94.4	86.0	73.2	52.6	32.5	16.6	71.0	844
	04	100.0	99.8	99.3	96.2	88.6	73.8	55.6	34.0	16.7	72.0	844
	07	100.0	99.9	99.3	96.7	88.9	76.6	59.3	38.6	18.1	73.4	1022
	10	100.0	99.8	98.0	92.7	81.1	61.0	41.5	26.3	13.9	67.0	1020
	13	100.0	99.5	95.4	83.3	63.5	43.8	30.3	20.1	11.4	60.4	1021
	16	100.0	99.5	95.6	84.3	66.3	46.9	33.3	21.4	11.0	61.4	1022
	19	100.0	99.5	98.4	92.4	80.3	64.1	44.0	27.3	11.7	67.3	1020
	22	100.0	99.8	98.7	94.1	85.5	70.7	49.8	30.7	13.8	69.9	995
	ALL	100.0	99.7	97.9	91.6	79.7	63.3	45.4	28.6	14.0	67.6	7788

12 - RELATIVE HUMIDITY

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
ANN	01	100.0	100.0	99.4	97.0	91.2	80.7	65.4	44.8	19.8	75.7	9722
	04	100.0	100.0	99.7	98.1	93.4	84.0	68.6	48.2	22.3	77.3	9705
	07	100.0	100.0	99.5	97.6	91.9	79.8	62.7	43.5	20.4	75.4	12041
	10	100.0	99.8	97.3	88.3	70.4	50.4	33.7	21.5	10.6	62.8	12098
	13	100.0	99.1	92.9	76.0	54.6	36.5	24.5	16.2	8.0	56.4	12099
	16	100.0	99.0	92.8	77.4	57.1	39.8	26.8	17.2	8.2	57.4	12081
	19	100.0	99.7	97.6	91.4	78.8	61.4	42.9	26.0	10.7	66.5	11950
	22	100.0	99.9	99.0	95.7	87.9	75.4	57.8	37.5	14.8	72.6	10745
	ALL	100.0	99.7	97.1	89.7	77.3	62.3	46.6	31.0	14.0	67.5	90441

13 - WEATHER CONDITIONS

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN &/OR DRIZZLE	FREEZE RAIN & FREEZE DRIZZLE	SNOW &/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
JAN	01	.0	8.6	.5	10.7	.5	19.3	14.7	2.6	1.2	.0	18.1	768
	04	.0	9.0	.8	10.5	.0	19.8	17.1	2.7	.8	.0	20.0	774
	07	.0	7.7	.6	10.3	.2	17.7	20.2	6.0	1.2	.0	26.2	962
	10	.0	7.8	.9	10.8	.3	18.9	18.2	10.4	1.5	.0	28.5	958
	13	.0	8.8	.6	10.6	.1	19.7	14.8	7.4	1.6	.0	23.6	957
	16	.0	8.9	.9	9.7	.5	18.3	14.6	5.7	1.5	.0	21.3	953
	19	.0	8.8	.4	8.1	.3	16.8	14.3	3.3	1.3	.0	18.5	939
	22	.1	7.6	1.1	9.6	.2	17.5	12.7	2.9	1.1	.0	16.5	910
	ALL	.0	8.4	.7	10.0	.3	18.4	15.8	5.3	1.3	.0	21.8	7221
FEB	01	.1	7.8	.7	9.0	.4	16.7	16.4	2.2	1.3	.0	19.0	742
	04	.0	8.8	.1	9.6	.3	18.1	16.8	1.9	1.6	.0	19.5	739
	07	.0	7.8	.9	10.5	.7	18.5	22.5	6.4	1.8	.0	28.7	912
	10	.1	7.8	.5	11.4	.7	19.0	17.9	10.0	2.3	.0	29.2	911
	13	.1	8.2	.4	10.7	1.0	18.9	14.4	6.7	2.3	.0	23.2	910
	16	.1	8.7	.2	8.6	.7	17.2	13.6	5.9	1.9	.0	21.0	909
	19	.0	9.9	.2	8.6	.7	17.6	15.1	4.3	1.6	.0	20.3	881
	22	.1	8.5	.4	8.5	.6	16.9	14.5	2.7	1.3	.0	17.5	848
	ALL	.1	8.4	.4	9.6	.6	17.9	16.4	5.2	1.8	.0	22.5	6852
MAR	01	.0	11.2	1.0	6.9	.9	18.5	18.3	2.4	.8	.0	20.5	794
	04	.0	12.6	.5	6.2	.4	18.3	19.4	1.6	.9	.0	21.5	794
	07	.0	11.7	.7	6.8	.5	18.2	24.6	4.7	.5	.0	28.6	980
	10	.3	11.5	.3	7.5	.6	18.4	18.6	6.4	.8	.0	25.5	978
	13	.0	12.0	.0	7.8	.9	18.7	16.4	4.5	.7	.0	21.6	973
	16	.0	10.4	.1	6.7	.7	16.6	15.0	4.4	.4	.0	19.9	972
	19	.0	10.9	.2	6.0	1.0	16.7	16.4	4.0	.7	.0	20.6	959
	22	.0	10.2	.4	7.2	.6	17.6	16.3	2.8	.8	.0	19.5	925
	ALL	.0	11.3	.4	6.9	.7	17.8	18.1	4.0	.7	.0	22.3	7375
APR	01	.3	14.8	.0	1.3	.5	15.7	18.8	2.5	.1	.0	21.2	789
	04	.3	13.2	.0	1.8	.3	14.7	21.6	2.4	.3	.0	23.5	787
	07	.0	13.4	.0	1.7	.0	14.8	22.9	6.1	.1	.0	28.0	981
	10	.0	11.6	.0	1.9	.1	12.8	14.5	5.1	.1	.0	19.1	987
	13	.2	12.7	.0	1.1	.2	13.7	10.2	3.9	.2	.0	14.1	984
	16	.1	13.1	.0	1.3	.2	13.9	11.1	4.0	.2	.0	15.2	973
	19	.1	15.5	.0	.9	.3	16.0	14.9	3.5	.1	.0	18.2	966
	22	.1	14.8	.0	1.0	.0	15.5	16.0	2.2	.1	.0	18.2	896
	ALL	.1	13.6	.0	1.4	.2	14.6	16.0	3.8	.1	.0	19.6	7363

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN &/OR DRIZZLE	FREEZE RAIN & FREEZE DRIZZLE	SNOW &/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
MAY	01	.0	15.0	.0	.1	.0	14.5	25.1	4.0	.0	.0	28.5	840
	04	.1	13.2	.0	.1	.0	13.2	33.9	5.4	.0	.0	37.6	841
	07	.1	14.3	.0	.0	.0	14.2	25.4	9.1	.0	.0	32.8	1005
	10	.2	13.2	.0	.1	.0	13.2	15.9	10.2	.0	.0	25.2	1019
	13	.9	12.6	.0	.1	.0	12.3	11.8	8.9	.0	.0	20.1	1018
	16	.3	12.4	.0	.1	.1	12.2	11.0	7.8	.0	.0	18.0	1006
	19	.4	12.7	.0	.0	.0	12.3	16.0	8.0	.0	.0	23.5	997
	22	.6	15.1	.0	.0	.0	14.8	19.8	6.5	.0	.0	25.7	877
	ALL	.3	13.5	.0	.1	.0	13.3	19.4	7.6	.0	.0	26.1	7603
JUN	01	.4	11.4	.0	.0	.0	10.8	31.6	12.7	.0	.0	41.6	766
	04	.5	10.7	.0	.0	.0	10.5	46.5	12.0	.0	.0	53.5	765
	07	.2	11.6	.0	.0	.0	11.3	29.7	19.1	.0	.0	46.1	971
	10	.1	9.8	.0	.0	.0	9.7	15.0	22.9	.0	.0	36.7	984
	13	.7	8.3	.0	.0	.1	8.3	9.1	20.0	.0	.0	28.4	981
	16	1.1	10.6	.0	.0	.1	10.4	9.9	18.7	.0	.0	28.2	980
	19	1.2	10.5	.0	.0	.0	9.9	14.7	18.7	.0	.0	32.6	967
	22	.3	10.4	.0	.0	.0	10.1	24.0	15.8	.0	.0	37.5	795
	ALL	.6	10.4	.0	.0	.0	10.1	21.5	17.8	.0	.0	37.5	7209
JUL	01	.9	6.9	.0	.0	.0	6.9	30.7	18.5	.0	.0	45.5	794
	04	.6	7.2	.0	.0	.0	7.2	44.4	16.7	.0	.0	54.7	795
	07	.5	9.4	.0	.0	.0	9.4	31.4	24.9	.0	.0	51.3	1006
	10	.3	6.1	.0	.0	.0	6.1	11.0	30.5	.0	.0	40.8	1017
	13	.8	6.5	.0	.0	.0	6.5	6.0	27.7	.0	.0	33.5	1021
	16	1.3	6.1	.0	.0	.0	6.1	6.2	24.9	.0	.0	30.5	1018
	19	1.6	6.6	.0	.0	.0	6.4	10.0	26.1	.0	.0	35.2	999
	22	1.1	7.6	.0	.0	.0	7.6	21.0	24.4	.0	.0	40.9	820
	ALL	.9	7.0	.0	.0	.0	7.0	19.0	24.6	.0	.0	41.0	7470
AUG	01	1.3	8.2	.0	.0	.0	8.1	34.1	15.5	.0	.0	45.0	794
	04	.6	9.3	.0	.0	.0	9.1	43.0	14.6	.0	.0	51.5	793
	07	.2	9.3	.0	.0	.0	9.2	34.6	25.1	.0	.0	55.1	1008
	10	.2	8.1	.0	.0	.0	8.0	12.0	29.8	.0	.0	40.7	1003
	13	.2	8.1	.0	.0	.0	8.1	8.3	26.8	.0	.1	34.4	1002
	16	1.6	10.2	.0	.0	.0	10.1	9.4	22.6	.0	.0	31.1	999
	19	1.8	9.3	.0	.0	.0	9.3	14.0	25.4	.0	.0	37.4	998
	22	1.6	7.2	.0	.0	.0	7.2	24.4	19.6	.0	.0	40.8	818
	ALL	.9	8.8	.0	.0	.0	8.7	21.6	22.9	.0	.0	41.7	7415

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN &/OR DRIZZLE	FREEZE RAIN & FREEZE DRIZZLE	SNOW &/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
SEP	01	.3	9.7	.0	.0	.0	9.6	32.4	9.2	.0	.0	37.7	771
	04	.1	11.4	.0	.0	.0	11.4	36.3	8.6	.0	.0	41.1	769
	07	.1	11.8	.0	.0	.0	11.8	39.9	14.6	.0	.0	49.1	975
	10	.0	9.5	.0	.0	.0	9.4	15.7	20.0	.0	.0	34.8	971
	13	.6	9.8	.0	.0	.0	9.6	11.2	16.1	.0	.0	26.7	973
	16	.2	9.5	.0	.0	.0	9.2	9.7	15.2	.0	.0	24.7	969
	19	.5	9.0	.0	.0	.0	8.9	15.3	15.6	.0	.0	29.2	967
	22	.5	9.0	.0	.0	.0	9.0	23.2	13.2	.0	.0	33.3	789
	ALL	.3	10.0	.0	.0	.0	9.8	22.3	14.4	.0	.0	34.4	7184
OCT	01	.3	11.6	.0	.3	.0	11.5	30.0	4.3	.0	.0	33.4	767
	04	.0	10.1	.0	.3	.0	10.0	32.8	5.3	.0	.0	36.3	772
	07	.0	11.1	.0	.3	.0	11.0	36.3	9.2	.0	.0	43.0	996
	10	.0	10.8	.0	.3	.0	11.0	16.5	13.8	.0	.0	29.9	981
	13	.0	10.2	.0	.4	.0	10.1	11.3	11.0	.0	.0	21.8	977
	16	.4	10.7	.0	.4	.0	10.6	12.1	8.6	.0	.0	20.2	975
	19	.0	11.9	.0	.1	.0	11.7	16.7	8.2	.0	.0	24.0	976
	22	.1	13.1	.0	.2	.0	13.1	23.3	6.4	.0	.0	28.3	830
	ALL	.1	11.2	.0	.3	.0	11.1	21.9	8.6	.0	.0	29.4	7274
NOV	01	.0	16.5	.0	1.6	.1	17.7	25.4	2.8	.0	.0	27.1	753
	04	.1	16.6	.0	1.2	.0	17.0	27.1	2.4	.0	.0	28.6	754
	07	.1	14.7	.0	1.5	.0	15.8	33.1	4.4	.0	.0	36.3	957
	10	.1	14.8	.2	1.5	.1	15.7	22.9	10.9	.2	.0	32.8	955
	13	.2	15.0	.0	1.2	.6	15.6	16.4	5.7	.0	.0	21.8	946
	16	.0	13.9	.1	1.2	.2	14.4	14.7	6.0	.0	.0	20.2	945
	19	.0	14.9	.1	1.3	.2	15.2	17.4	4.4	.0	.0	21.2	936
	22	.1	17.0	.0	2.1	.3	18.0	20.8	4.7	.0	.0	24.8	912
	ALL	.1	15.3	.1	1.4	.2	16.1	22.0	5.3	.0	.0	26.6	7158
DEC	01	.0	12.3	.7	7.3	.2	19.7	19.4	1.6	.6	.0	21.5	803
	04	.0	12.2	.7	8.1	.7	20.3	18.6	1.7	.1	.0	20.4	802
	07	.0	11.9	.7	7.3	.4	19.2	24.4	4.7	.6	.0	28.7	980
	10	.0	10.1	.5	9.1	.8	19.2	19.8	10.4	.6	.0	29.8	980
	13	.0	10.0	.7	8.9	.5	18.4	16.7	7.3	.6	.0	24.4	976
	16	.0	10.7	.6	6.7	.5	17.8	17.5	7.6	.6	.0	25.2	973
	19	.0	10.0	.7	7.2	.3	17.4	15.6	5.0	.6	.0	21.0	977
	22	.0	11.0	.5	7.5	.4	18.5	16.3	4.3	.6	.0	20.9	952
	ALL	.0	11.0	.7	7.8	.5	18.8	18.5	5.5	.6	.0	24.1	7443

U14790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN &/OR DRIZZLE	FREEZE RAIN & FREEZE DRIZZLE	SNOW &/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
JAN	ALL	.0*	8.4	.7	10.0	.3	18.4	15.8	5.3	1.3	.0	21.8	7221
FEB	ALL	.1	8.4	.4	9.6	.6	17.9	16.4	5.2	1.8	.0	22.5	6852
MAR	ALL	.0*	11.3	.4	6.9	.7	17.8	18.1	4.0	.7	.0	22.3	7375
APR	ALL	.1	13.6	.0	1.4	.2	14.6	16.0	3.8	.1	.0	19.6	7363
MAY	ALL	.3	13.5	.0	.1	.0*	13.3	19.4	7.6	.0	.0	26.1	7603
JUN	ALL	.6	10.4	.0	.0	.0*	10.1	21.5	17.8	.0	.0	37.5	7209
JUL	ALL	.9	7.0	.0	.0	.0	7.0	19.0	24.6	.0	.0	41.0	7470
AUG	ALL	.9	8.8	.0	.0	.0	8.7	21.6	22.9	.0	.0*	41.7	7415
SEP	ALL	.3	10.0	.0	.0	.0	9.8	22.3	14.4	.0	.0	34.4	7184
OCT	ALL	.1	11.2	.0	.3	.0	11.1	21.9	8.6	.0	.0	29.4	7274
NOV	ALL	.1	15.3	.1	1.4	.2	16.1	22.0	5.3	.0*	.0	26.6	7158
DEC	ALL	.0	11.0	.7	7.8	.5	18.8	18.5	5.5	.6	.0	24.1	7443
TOTALS		.3	10.7	.2	3.1	.2	13.6	19.4	10.5	.4	.0*	29.0	87567

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JAN

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	8.3	.0	1.8	2.4	1.2	26.6	.0	.0	23.4	.4	6.0	3.2	.0	48.0
NNE	15.5	.8	4.8	2.8	.4	26.7	.0	.0	31.1	.8	6.8	5.2	.0	40.6
NE	22.9	.7	7.1	2.9	1.4	32.9	.0	.0	30.0	.7	5.7	5.0	.0	34.3
ENE	28.7	.0	8.3	1.9	2.8	25.9	.0	.0	44.4	.9	6.5	2.8	.0	25.0
E	23.1	.8	5.0	.0	5.0	28.9	.0	.0	40.5	.8	6.6	2.5	.0	29.8
ESE	28.7	.0	5.7	.0	2.3	13.8	.0	.0	34.5	2.3	4.6	.0	.0	39.1
SE	31.1	1.0	3.9	.0	1.9	10.7	.0	.0	36.9	1.0	4.9	.0	.0	43.7
SSE	22.9	1.4	2.9	2.1	.7	10.0	.0	.7	27.9	1.4	6.4	.0	.0	46.4
S	16.3	1.6	2.4	.0	.0	5.1	.0	.0	28.9	1.6	9.9	.3	.0	50.5
SSW	8.7	1.3	1.7	.0	.0	2.1	.0	.0	12.9	2.3	9.6	.0	.0	66.0
SW	1.7	.6	1.1	.2	.0	3.2	.0	.0	7.7	1.5	6.4	.6	.0	74.5
WSW	1.1	.2	.4	.2	.0	3.1	.0	.0	5.2	1.3	4.3	.7	.0	80.4
W	.8	.1	.3	.0	.0	3.1	.0	.0	3.9	.4	2.6	1.4	.0	82.1
WNW	1.1	.2	.4	.1	.0	4.2	.0	.0	4.7	.0	2.2	.4	.0	84.1
NW	.7	.1	1.3	.5	.0	8.0	.0	.0	7.0	.6	2.1	1.4	.0	80.4
NNW	2.0	.2	1.9	1.9	.2	17.4	.0	.0	15.5	.3	2.7	2.0	.0	65.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	3.4	.1	1.8	.9	.0	7.6	.0	.0	14.1	5.6	8.2	.0	.0	61.6
TOTALS	447	30	129	54	24	717	0	1	1039	105	381	92	0	5133
% TOTAL	5.9	.4	1.7	.7	.3	9.4	.0	.0*	13.7	1.4	5.0	1.2	.0	67.5

TOTAL NUMBER OF OBSERVATIONS : 7610

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : FEB

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	7.5	.0	7.0	.9	1.1	23.7	.0	.2	32.2	.6	4.5	4.5	.0	50.7
NNE	10.5	.6	7.3	1.3	2.2	25.2	.0	.0	32.6	.6	6.1	8.9	.0	44.4
NE	12.2	.0	8.0	1.3	2.5	34.5	.0	.8	37.8	.0	5.9	10.9	.0	37.0
ENE	11.2	.0	2.6	.7	2.0	27.0	.0	.7	25.7	.7	4.6	5.3	.0	50.0
E	23.9	.0	3.2	1.9	5.2	20.6	.0	.0	35.5	.0	6.5	.6	.0	39.4
ESE	28.1	1.7	1.7	2.5	.8	15.7	.0	.0	33.1	.0	10.7	.0	.0	37.2
SE	22.2	1.0	3.0	2.0	1.0	10.1	.0	.0	27.3	1.0	10.1	.0	.0	48.5
SSE	18.6	.0	4.3	.0	.7	10.0	.0	.0	29.3	2.1	7.1	.0	.0	50.7
S	14.4	.4	3.1	.2	.9	6.9	.0	.0	23.0	.9	7.7	.0	.0	56.0
SSW	6.8	.5	2.5	.0	.5	2.5	.0	.0	15.0	1.1	7.7	.0	.0	67.0
SW	2.2	.3	1.1	.0	.0	3.3	.0	.0	9.0	2.2	9.3	.0	.0	74.9
WSW	.5	.0	.3	.0	.0	3.3	.0	.0	4.0	.8	2.8	.0	.0	87.2
W	.5	.3	.1	.0	.1	1.8	.0	.0	2.6	.1	2.8	.6	.0	89.7
WNW	.8	.1	.5	.1	.0	3.8	.0	.0	3.9	.4	2.8	.8	.0	87.4
NW	.3	.0	.5	.3	.0	7.1	.0	.2	5.1	.5	2.2	.9	.0	85.8
NNW	2.9	.2	2.9	1.0	.4	13.6	.0	.0	12.1	.2	3.3	2.9	.0	73.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	3.5	.3	1.7	.0	.1	4.1	.0	.0	15.4	5.0	7.5	.0	.0	65.0
TOTALS	397	17	164	30	43	659	0	5	1048	76	355	119	0	4887
% TOTAL	5.7	.2	2.3	.4	.6	9.4	.0	.1	15.0	1.1	5.1	1.7	.0	69.7

TOTAL NUMBER OF OBSERVATIONS : 7010

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAR

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	8.0	2.0	9.0	.4	.2	12.2	.0	.0	26.6	.2	4.2	2.4	.0	53.8
NNE	9.1	2.0	13.5	.8	1.0	12.7	.0	.0	37.4	.8	2.8	3.4	.0	47.3
NE	10.6	.6	8.5	.3	3.6	21.2	.0	.0	34.2	.0	3.0	3.3	.0	48.5
ENE	17.5	.0	7.3	1.2	3.7	18.7	.0	.0	34.6	.4	2.0	.8	.0	48.0
E	17.3	.7	5.3	1.1	2.5	17.3	.0	.0	34.3	.7	1.4	.4	.0	49.8
ESE	16.7	1.9	8.0	1.2	3.1	17.3	.0	.0	32.7	.6	2.5	.0	.0	47.5
SE	17.0	3.5	4.3	.7	1.4	7.1	.0	.7	24.1	.7	5.7	.0	.0	58.9
SSE	17.3	1.0	2.0	1.0	1.0	3.6	.0	.5	25.0	1.5	5.1	.0	.0	56.6
S	8.3	2.2	3.8	.0	.2	2.9	.0	.0	20.2	1.9	7.3	.0	.0	61.8
SSW	5.3	3.4	2.8	.0	.0	1.3	.0	.0	16.4	1.5	9.1	.0	.0	63.2
SW	3.5	1.0	1.7	.0	.0	2.8	.0	.0	9.4	1.0	6.6	.0	.0	72.8
WSW	.8	1.1	.3	.0	.0	1.3	.0	.0	4.5	.8	2.9	.0	.0	84.6
W	.8	.5	.4	.0	.4	1.5	.0	.1	3.3	.3	1.5	.0	.0	87.0
WNW	.9	.5	.8	.0	.0	2.3	.0	.0	3.9	.6	1.2	.0	.0	86.9
NW	1.1	.3	1.0	.4	.4	4.6	.0	.0	4.6	.4	1.3	.1	.0	83.4
NNW	3.3	1.0	2.7	.6	.2	10.3	.0	.0	11.3	.2	2.1	1.4	.0	74.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	3.7	1.0	2.5	.6	.0	3.2	.0	.0	14.5	4.5	7.4	.0	.0	65.6
TOTALS	451	94	287	29	52	510	0	3	1251	85	292	51	0	5320
% TOTAL	5.8	1.2	3.7	.4	.7	6.6	.0	.0*	16.1	1.1	3.8	.7	.0	68.7

TOTAL NUMBER OF OBSERVATIONS : 7748

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : APR

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	6.9	1.8	10.6	.0	.0	2.0	.0	.0	23.9	.7	1.6	.7	.0	67.8
NNE	17.9	2.5	10.5	.0	.2	2.1	.0	.0	31.6	.2	1.9	.0	.0	56.6
NE	18.5	2.3	9.9	.0	.5	2.8	.0	.3	31.2	.8	4.1	.3	.0	57.1
ENE	18.5	1.5	5.5	.0	1.1	4.4	.0	.0	22.9	.0	4.4	.0	.0	64.2
E	18.8	4.3	4.9	.0	1.5	.9	.0	.6	19.4	.6	3.4	.0	.0	63.0
ESE	17.3	3.0	3.0	.0	.0	.5	.0	.0	19.8	.0	2.0	.0	.0	70.1
SE	14.7	2.4	4.1	.0	.0	.0	.0	.0	17.1	.6	2.4	.0	.0	68.8
SSE	11.1	5.5	4.3	.0	.0	.0	.0	.9	22.1	2.1	5.5	.0	.0	63.8
S	7.7	4.1	2.9	.0	.0	.2	.0	.2	18.3	1.1	6.3	.0	.0	68.4
SSW	4.9	3.7	.7	.0	.1	.4	.0	.1	11.4	1.2	5.3	.0	.0	74.7
SW	4.1	3.4	.9	.0	.0	.2	.0	.0	8.7	1.6	8.2	.0	.0	74.4
WSW	.9	1.5	.0	.0	.0	.6	.0	.0	5.2	.6	4.3	.0	.0	83.0
W	1.5	.7	.8	.0	.0	.4	.0	.1	3.7	.6	2.3	.0	.0	89.1
WNW	2.0	1.0	.8	.0	.0	2.2	.0	.0	3.5	.3	1.0	.7	.0	89.4
NW	1.8	2.2	1.2	.0	.2	3.1	.0	.0	6.1	.6	1.4	.6	.0	84.1
NNW	5.2	2.1	3.1	.0	.0	3.9	.0	.3	11.8	.5	2.4	.0	.0	76.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	2.6	.8	1.7	.0	.2	.5	.0	.0	14.7	3.3	5.1	.0	.0	71.0
TOTALS	562	180	259	0	14	102	0	9	1108	73	280	11	0	5560
% TOTAL	7.4	2.4	3.4	.0	.2	1.3	.0	.1	14.7	1.0	3.7	.1	.0	73.5

TOTAL NUMBER OF OBSERVATIONS : 7563

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAY

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	10.8	2.0	10.4	.0	.0	.7	.0	.0	27.8	.9	4.8	.0	.0	59.0
NNE	13.3	3.7	15.7	.0	.0	.2	.0	.6	42.0	.4	6.6	.0	.0	45.3
NE	13.1	3.3	14.1	.0	.0	.2	.0	.7	35.9	1.4	5.2	.0	.0	52.1
ENE	14.7	5.5	4.8	.0	.0	.0	.0	.4	23.8	.0	8.4	.0	.0	60.4
E	12.0	4.3	2.2	.0	.4	.0	.0	.0	17.0	.4	8.0	.0	.0	68.8
ESE	10.4	4.1	1.8	.0	.0	.0	.0	.0	18.0	.0	7.2	.0	.0	71.2
SE	12.9	3.4	1.7	.0	.0	.0	.0	.0	16.9	.6	2.8	.0	.0	70.8
SSE	10.9	5.0	3.5	.0	.0	.0	.0	.0	22.9	1.6	7.4	.0	.0	60.9
S	6.3	5.1	2.1	.0	.0	.0	.0	.5	18.8	2.0	11.2	.0	.0	62.1
SSW	3.1	4.2	1.3	.0	.0	.0	.0	.2	14.6	2.0	10.2	.0	.0	66.9
SW	2.8	3.2	1.1	.0	.0	.0	.0	.4	14.4	2.5	12.3	.0	.0	66.9
WSW	.7	2.3	.0	.0	.0	.0	.0	.3	6.2	.3	8.8	.0	.0	82.4
W	.5	2.2	.0	.0	.0	.0	.0	.0	4.0	.7	5.8	.0	.0	85.6
WNW	.0	2.2	.5	.0	.0	.0	.0	.2	2.0	.2	4.7	.0	.0	90.9
NW	2.0	2.8	1.1	.0	.0	.0	.0	.6	6.5	.9	1.7	.0	.0	85.5
NNW	3.6	3.9	2.1	.0	.0	.0	.0	1.2	11.7	.6	3.6	.0	.0	79.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	2.9	2.2	1.7	.0	.0	.0	.0	.1	15.4	5.3	5.8	.0	.0	67.9
TOTALS	470	274	284	0	1	5	0	25	1358	120	580	0	0	5311
% TOTAL	6.0	3.5	3.6	.0	.0*	.1	.0	.3	17.4	1.5	7.4	.0	.0	68.2

TOTAL NUMBER OF OBSERVATIONS : 7789

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUN

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	8.5	3.4	8.2	.0	.0	.0	.0	.3	31.3	2.0	12.6	.0	.0	51.0
NNE	12.2	3.5	10.8	.0	.0	.0	.0	1.1	32.7	1.6	8.1	.0	.0	53.5
NE	12.5	3.1	11.2	.0	.0	.0	.0	.9	32.1	.9	8.7	.0	.0	52.0
ENE	13.2	3.3	6.6	.0	.0	.0	.4	.4	28.8	.8	9.5	.0	.0	56.8
E	9.8	5.9	3.8	.0	.0	.0	.0	1.0	22.4	1.4	12.2	.0	.0	59.8
ESE	10.0	5.3	5.3	.0	.0	.0	.0	1.2	20.6	2.9	6.5	.0	.0	65.9
SE	9.8	1.5	.0	.0	.0	.0	.0	.8	20.3	.8	15.0	.0	.0	63.2
SSE	6.5	6.5	1.9	.0	.0	.0	.0	.0	29.5	1.9	14.6	.0	.0	54.8
S	4.3	3.5	2.1	.0	.0	.0	.0	.3	24.1	2.7	24.5	.0	.0	48.7
SSW	1.4	2.6	1.1	.0	.0	.0	.0	.3	15.6	4.7	28.8	.0	.0	50.2
SW	1.4	2.6	.6	.0	.0	.0	.0	.6	11.7	3.8	26.8	.0	.0	56.8
WSW	1.1	2.5	.0	.0	.0	.0	.0	.0	7.1	1.6	20.2	.0	.0	65.6
W	.5	1.9	.0	.0	.0	.0	.0	.5	3.9	.9	13.6	.0	.0	74.6
WNW	.8	2.7	.3	.0	.0	.0	.3	1.6	4.0	1.3	12.1	.0	.0	77.6
NW	2.2	2.9	1.4	.0	.0	.0	.0	1.4	5.8	2.2	6.5	.0	.0	80.9
NNW	1.4	2.7	5.0	.0	.0	.0	.0	.5	13.2	3.2	7.7	.0	.0	72.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	3.3	2.0	.7	.0	.0	.0	.0	.4	19.8	10.2	12.4	.0	.0	56.8
TOTALS	325	225	198	0	0	0	2	42	1318	235	1285	0	0	4335
% TOTAL	4.4	3.1	2.7	.0	.0	.0	.0*	.6	17.9	3.2	17.4	.0	.0	58.8

TOTAL NUMBER OF OBSERVATIONS : 7368

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	4.7	3.5	7.0	.0	.0	.0	.0	.3	25.3	1.9	10.1	.0	.0	61.7
NNE	3.4	2.6	7.2	.0	.0	.0	.0	.4	25.5	.9	13.6	.0	.0	55.7
NE	5.2	2.6	7.3	.0	.0	.0	.0	.5	22.5	3.1	8.9	.0	.0	61.3
ENE	10.2	3.0	6.6	.0	.0	.0	.0	.6	22.2	.0	13.2	.0	.0	59.9
E	6.2	1.3	3.1	.0	.0	.0	.0	.0	19.5	.4	17.3	.0	.0	60.6
ESE	8.6	1.3	1.3	.0	.0	.0	.0	.0	15.9	.0	17.2	.0	.0	60.9
SE	8.7	4.0	.7	.0	.0	.0	.0	1.3	17.4	.7	10.7	.0	.0	62.4
SSE	6.5	3.9	.9	.0	.0	.0	.0	1.7	24.7	3.5	23.8	.0	.0	45.9
S	3.0	3.7	.4	.0	.0	.0	.0	1.0	19.0	4.1	35.0	.0	.0	42.0
SSW	1.1	3.7	1.0	.0	.0	.0	.0	.5	16.3	4.2	36.7	.0	.0	42.8
SW	.9	3.1	.7	.0	.0	.0	.0	1.1	11.8	5.3	35.3	.0	.0	46.6
WSW	1.2	4.8	.4	.0	.0	.0	.0	1.7	9.1	2.9	31.4	.0	.0	54.3
W	.5	2.4	.0	.0	.0	.0	.0	1.3	3.6	3.0	18.6	.0	.0	72.1
WNW	.7	1.4	.0	.0	.0	.0	.0	.2	2.1	1.4	13.4	.0	.0	78.8
NW	.3	2.3	1.3	.0	.0	.0	.0	1.0	3.6	.7	9.1	.0	.0	83.1
NNW	2.8	2.3	1.4	.0	.0	.0	.0	2.8	7.0	1.9	9.3	.0	.0	78.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.1	1.9	.6	.0	.0	.0	.0	.6	17.7	11.7	16.2	.0	.0	55.3
TOTALS	185	228	112	0	0	0	0	66	1114	307	1837	0	0	4249
% TOTAL	2.4	3.0	1.5	.0	.0	.0	.0	.9	14.6	4.0	24.1	.0	.0	55.7

TOTAL NUMBER OF OBSERVATIONS : 7632

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : AUG

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	6.6	4.4	8.8	.0	.0	.0	.0	1.1	33.2	.8	9.1	.0	.0	53.3
NNE	10.4	5.4	9.8	.0	.0	.0	.0	.9	34.8	1.8	12.8	.0	.0	48.8
NE	8.4	2.9	5.5	.0	.0	.0	.0	.7	22.9	1.5	11.6	.0	.0	61.1
ENE	7.8	2.6	5.2	.0	.0	.0	.0	.5	17.7	1.0	14.6	.0	.0	60.4
E	9.3	3.2	4.2	.0	.0	.0	.0	.9	17.6	.0	12.5	.0	.0	63.4
ESE	8.2	3.8	3.1	.0	.0	.0	.0	1.3	14.5	1.9	17.0	.0	.0	60.4
SE	7.1	8.3	2.4	.0	.0	.0	.0	1.8	20.1	.6	14.8	.0	.0	55.6
SSE	9.2	4.4	1.5	.0	.0	.0	.0	1.5	19.4	2.9	19.9	.0	.0	54.4
S	2.4	5.8	1.6	.0	.0	.0	.0	1.5	24.4	4.8	30.9	.0	.1	39.0
SSW	1.3	4.4	.6	.0	.0	.0	.0	1.1	18.0	5.5	36.6	.0	.0	40.9
SW	.8	2.7	.3	.0	.0	.0	.0	.8	15.3	7.0	34.6	.0	.0	45.1
WSW	.7	2.8	.2	.0	.0	.0	.0	.5	9.4	4.0	35.4	.0	.0	51.4
W	.6	1.5	.0	.0	.0	.0	.0	.3	6.0	2.6	20.7	.0	.0	69.9
WNW	.5	1.3	.0	.0	.0	.0	.0	.8	2.1	1.1	14.1	.0	.0	80.0
NW	.3	3.1	.0	.0	.0	.0	.0	.9	6.9	2.2	10.3	.0	.0	78.7
NNW	3.5	2.5	3.2	.0	.0	.0	.0	.7	13.1	3.2	11.7	.0	.0	68.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.6	2.3	.4	.0	.0	.0	.0	.6	16.1	8.1	16.5	.0	.0	59.9
TOTALS	238	264	147	0	0	0	0	68	1287	311	1699	0	1	4188
% TOTAL	3.1	3.5	1.9	.0	.0	.0	.0	.9	17.0	4.1	22.4	.0	.0*	55.3

TOTAL NUMBER OF OBSERVATIONS : 7576

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	8.9	3.1	7.9	.0	.0	.0	.0	.3	26.8	1.6	7.6	.0	.0	57.7
NNE	16.7	4.0	13.7	.0	.0	.0	.0	.7	44.0	1.9	7.0	.0	.0	42.8
NE	12.3	4.3	8.8	.0	.0	.0	.0	.0	29.1	1.7	7.7	.0	.0	53.6
ENE	10.7	2.0	6.3	.0	.0	.0	.0	.4	22.9	.8	11.5	.0	.0	60.1
E	9.3	2.4	4.8	.0	.0	.0	.0	.0	21.4	.4	8.9	.0	.0	64.5
ESE	7.1	3.1	2.4	.0	.0	.0	.0	.0	15.0	1.6	17.3	.0	.0	62.2
SE	10.1	2.9	2.9	.0	.0	.0	.0	.7	15.9	1.4	14.5	.0	.0	61.6
SSE	7.1	4.1	.5	.0	.0	.0	.0	.0	21.4	2.6	14.8	.0	.0	58.2
S	4.4	4.4	1.5	.0	.0	.0	.0	.7	25.2	6.0	22.0	.0	.0	47.5
SSW	2.0	3.0	.9	.0	.0	.0	.0	.5	18.5	4.7	25.6	.0	.0	51.4
SW	2.8	1.6	.2	.0	.0	.0	.0	.2	11.5	7.9	28.3	.0	.0	53.8
WSW	.9	.3	.3	.0	.0	.0	.0	.0	5.9	1.6	22.8	.0	.0	69.1
W	.4	.9	.0	.0	.0	.0	.0	.8	3.4	2.4	11.1	.0	.0	81.8
WNW	1.2	1.4	.7	.0	.0	.0	.0	.0	4.0	1.4	7.3	.0	.0	83.9
NW	1.1	.8	.3	.0	.0	.0	.0	.0	4.3	2.2	5.1	.0	.0	86.6
NNW	2.6	1.9	2.3	.0	.0	.0	.0	.0	14.8	3.2	5.1	.0	.0	75.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.8	1.2	1.4	.0	.0	.0	.0	.1	17.1	9.1	10.4	.0	.0	62.2
TOTALS	341	170	204	0	0	0	0	21	1298	306	1032	0	0	4525
% TOTAL	4.7	2.3	2.8	.0	.0	.0	.0	.3	17.8	4.2	14.1	.0	.0	61.9

TOTAL NUMBER OF OBSERVATIONS : 7309

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : OCT

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	6.3	1.5	9.9	.0	.0	1.0	.0	.2	28.1	1.2	7.5	.0	.0	54.0
NNE	15.1	1.9	17.3	.0	.0	.8	.0	.0	32.4	.8	5.9	.0	.0	51.1
NE	11.4	1.0	10.1	.0	.0	.0	.0	.3	30.3	.3	5.7	.0	.0	59.9
ENE	13.8	.8	6.9	.0	.0	.0	.0	.0	23.1	.0	5.4	.0	.0	65.8
E	16.5	2.8	3.2	.0	.0	.0	.0	.5	25.7	.9	4.1	.0	.0	60.6
ESE	25.9	2.9	.7	.0	.0	.0	.0	.0	30.9	1.4	5.8	.0	.0	51.8
SE	23.6	5.0	3.6	.0	.0	.0	.0	.7	32.9	2.1	5.7	.0	.0	51.4
SSE	13.8	2.2	1.1	.0	.0	.0	.0	.0	26.0	2.8	12.7	.0	.0	53.6
S	5.6	2.3	1.5	.0	.0	.0	.0	.1	24.6	6.4	13.8	.0	.0	50.4
SSW	3.5	2.8	.8	.0	.0	.0	.0	.1	18.6	3.7	14.3	.0	.0	60.4
SW	2.4	3.3	.4	.0	.0	.0	.0	.0	13.3	4.1	11.8	.0	.0	67.5
WSW	1.2	1.7	.2	.0	.0	.0	.0	.0	7.9	1.9	11.5	.0	.0	74.6
W	1.1	1.3	.0	.0	.0	.0	.0	.0	4.6	1.4	7.4	.0	.0	81.2
WNW	2.1	1.3	.0	.0	.0	.4	.0	.2	3.6	.8	3.0	.0	.0	86.9
NW	4.9	1.3	.8	.0	.0	.8	.0	.0	5.5	2.3	3.2	.0	.0	81.7
NNW	6.3	1.5	5.3	.0	.0	1.8	.0	.0	13.9	1.8	5.8	.0	.0	69.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	2.2	.7	.7	.0	.0	.1	.0	.0	17.6	9.3	7.2	.0	.0	60.1
TOTALS	457	135	221	0	0	21	0	7	1325	266	625	0	0	4932
% TOTAL	6.0	1.8	2.9	.0	.0	.3	.0	.1	17.4	3.5	8.2	.0	.0	64.9

TOTAL NUMBER OF OBSERVATIONS : 7597

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : NOV

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	11.7	1.6	11.0	.0	.0	3.5	.0	.0	34.6	.9	4.2	.0	.0	54.4
NNE	23.3	2.4	17.6	.3	.9	2.4	.0	.3	41.2	.9	3.9	.0	.0	43.3
NE	20.7	1.4	12.6	.0	1.8	1.8	.0	.5	36.0	.9	3.6	.0	.0	46.4
ENE	29.0	.5	11.9	.5	1.0	.5	.0	.0	36.8	1.6	2.1	.0	.0	45.1
E	31.5	3.2	9.7	.0	.5	3.7	.0	.0	33.8	.9	3.7	.0	.0	40.7
ESE	33.1	5.1	7.4	.0	.0	2.2	.0	.0	44.9	1.5	6.6	.0	.0	33.8
SE	26.8	3.3	4.1	.0	.8	.8	.0	.0	32.5	1.6	7.3	.0	.0	44.7
SSE	25.7	4.2	4.2	.0	.0	.5	.0	.5	34.0	3.7	10.5	.0	.0	36.6
S	10.5	2.7	2.6	.0	.0	.6	.0	.2	24.7	4.2	8.9	.0	.0	54.4
SSW	7.2	3.2	.7	.0	.0	.0	.0	.4	16.1	4.6	8.2	.0	.0	63.4
SW	4.4	2.2	.4	.0	.0	.0	.0	.0	11.4	3.1	7.6	.0	.0	71.0
WSW	1.6	1.2	.8	.0	.0	.6	.0	.0	4.3	1.8	3.3	.0	.0	83.6
W	1.4	1.2	1.0	.0	.0	.6	.0	.0	4.1	1.0	2.3	.0	.0	84.8
WNW	2.2	1.3	.1	.0	.0	1.3	.0	.0	4.9	.6	1.6	.0	.0	84.2
NW	3.8	.4	2.6	.2	.2	2.8	.0	.0	10.9	1.2	2.4	.2	.0	79.8
NNW	7.0	.7	6.4	.2	.5	4.8	.0	.0	20.5	1.8	3.4	.2	.0	64.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	2.3	1.7	1.8	.0	.1	.5	.0	.0	15.1	8.3	7.7	.0	.0	65.1
TOTALS	664	138	296	4	15	102	0	6	1367	211	380	2	0	4889
% TOTAL	8.9	1.8	4.0	.1	.2	1.4	.0	.1	18.3	2.8	5.1	.0*	.0	65.4

TOTAL NUMBER OF OBSERVATIONS : 7470

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
MONTH : DEC

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	8.6	.4	6.8	2.7	1.2	21.2	.0	.0	31.2	.8	5.1	2.5	.0	47.8
NNE	23.4	.8	4.9	1.6	1.6	18.0	.0	.0	36.1	1.2	8.6	.8	.0	38.9
NE	31.4	.0	6.4	.5	4.3	14.4	.0	.0	36.2	.0	6.4	.0	.0	37.8
ENE	37.1	1.4	5.0	1.4	2.9	20.7	.0	.0	37.9	1.4	4.3	.7	.0	27.1
E	32.4	1.4	3.4	1.4	2.7	20.9	.0	.0	37.2	1.4	2.7	1.4	.0	32.4
ESE	39.8	1.1	5.4	2.2	1.1	10.8	.0	.0	36.6	1.1	3.2	.0	.0	35.5
SE	27.1	2.1	7.3	.0	1.0	9.4	.0	.0	32.3	1.0	6.3	.0	.0	44.8
SSE	23.7	2.9	3.5	.6	.6	5.8	.0	.0	32.4	1.7	5.8	.0	.0	50.3
S	13.5	1.7	4.0	.2	.0	2.5	.0	.0	24.3	4.0	10.1	.0	.0	52.3
SSW	8.5	1.8	1.2	.0	.2	2.8	.0	.0	18.2	2.3	9.5	.0	.0	59.0
SW	4.2	.5	.9	.2	.0	2.9	.0	.0	12.8	2.4	7.5	.0	.0	66.6
WSW	1.3	1.1	.4	.2	.2	3.1	.0	.0	5.1	1.5	4.0	.2	.0	77.7
W	1.1	.2	.4	.1	.0	2.3	.0	.0	3.4	.4	2.1	.3	.0	85.6
WNW	1.2	.0	.1	.1	.1	3.2	.0	.0	3.8	.5	1.7	.5	.0	86.5
NW	1.5	.0	.5	.3	.0	7.4	.0	.0	7.4	.8	1.5	1.3	.0	81.7
NNW	4.1	.3	3.4	2.1	.5	15.7	.0	.0	17.8	.5	4.4	1.0	.0	65.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	3.6	.1	1.9	.3	.2	5.0	.0	.0	15.9	4.9	8.7	.0	.0	61.8
TOTALS	599	49	170	49	37	578	0	0	1245	133	410	42	0	5135
% TOTAL	7.7	.6	2.2	.6	.5	7.4	.0	.0	16.0	1.7	5.3	.5	.0	65.9

TOTAL NUMBER OF OBSERVATIONS : 7798

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH : ANN

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	8.2	1.8	8.1	.6	.4	8.9	.0	.2	28.6	.9	6.0	1.3	.0	54.7
NNE	14.2	2.7	11.8	.5	.5	6.3	.0	.3	35.8	1.0	6.5	1.4	.0	47.7
NE	14.2	2.1	9.5	.3	1.0	7.1	.0	.4	31.7	.9	6.3	1.3	.0	51.4
ENE	16.7	1.9	6.4	.4	1.0	6.3	.0*	.2	27.3	.6	7.2	.6	.0	54.5
E	16.4	2.8	4.4	.3	1.2	5.8	.0	.3	25.5	.7	7.3	.3	.0	55.4
ESE	17.7	3.0	3.7	.4	.5	4.1	.0	.2	25.0	1.0	8.3	.0	.0	55.7
SE	16.5	3.4	3.0	.2	.4	2.5	.0	.5	23.4	1.0	8.3	.0	.0	57.7
SSE	13.5	3.7	2.5	.2	.2	1.9	.0	.5	25.9	2.3	11.5	.0	.0	53.3
S	6.9	3.5	2.1	.0*	.1	1.0	.0	.5	22.5	3.5	17.7	.0*	.0*	52.0
SSW	3.7	3.1	1.1	.0	.0*	.5	.0	.3	16.0	3.4	19.6	.0	.0	56.8
SW	2.4	2.2	.7	.0*	.0	.8	.0	.3	11.7	3.8	18.4	.0*	.0	62.1
WSW	1.0	1.6	.3	.0*	.0*	1.1	.0	.2	6.2	1.7	12.5	.1	.0	74.2
W	.8	1.0	.3	.0*	.1	1.0	.0	.2	3.8	1.0	6.5	.3	.0	82.7
WNW	1.2	.9	.4	.0*	.0*	1.9	.0*	.2	3.7	.6	4.3	.3	.0	85.2
NW	1.6	1.0	1.0	.2	.1	3.9	.0	.2	6.3	1.0	3.1	.5	.0	82.6
NNW	3.8	1.3	3.3	.7	.2	7.5	.0	.3	14.1	1.2	4.5	.8	.0	71.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	2.6	1.2	1.4	.1	.1	1.7	.0	.2	16.2	7.4	9.6	.0	.0	62.4
TOTALS	5136	1804	2471	166	186	2694	2	253	14758	2228	9156	317	1	58464
% TOTAL	5.7	2.0	2.7	.2	.2	3.0	.0*	.3	16.3	2.5	10.1	.4	.0*	64.6

TOTAL NUMBER OF OBSERVATIONS : 90470

NOTES :
* = PERCENT < .05

DRY-BULB TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)

C14790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT

HOURS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	24.8	26.6	33.7	42.3	51.2	60.2	66.3	65.7	58.3	48.7	40.6	30.8	45.7
01	S.D.	11.348	10.568	8.085	7.716	6.912	6.510	5.556	6.336	7.815	9.096	9.577	10.823	16.595
	TOT OBS	819	763	840	811	863	783	810	811	785	807	791	844	9727
	MEAN	23.6	25.4	32.3	40.8	49.8	58.7	64.9	64.3	57.1	47.5	39.8	30.0	44.5
04	S.D.	11.850	10.938	8.538	7.869	7.221	6.647	5.798	6.607	8.158	9.334	9.819	11.152	16.645
	TOT OBS	819	761	837	810	861	781	808	809	782	807	791	844	9710
	MEAN	23.0	24.6	32.6	43.6	54.5	63.5	69.1	67.2	59.4	48.5	39.7	28.5	46.3
07	S.D.	12.120	11.390	8.539	7.520	6.987	6.192	5.214	5.897	7.395	8.836	9.817	11.754	18.197
	TOT OBS	1005	932	1023	1004	1023	990	1023	1023	990	1023	988	1023	12047
	MEAN	27.7	30.2	38.8	50.4	61.6	70.6	76.3	74.8	67.2	56.8	45.8	33.2	53.0
10	S.D.	10.875	10.279	9.072	9.401	9.159	8.240	6.613	6.700	7.781	8.457	8.746	10.710	19.082
	TOT OBS	1005	932	1023	1012	1041	1004	1040	1023	989	1022	989	1022	12102
	MEAN	31.6	34.2	42.5	54.1	65.0	74.0	79.9	78.2	70.5	60.5	49.0	36.6	56.5
13	S.D.	10.238	10.162	9.767	10.574	10.345	9.288	7.280	7.527	8.677	9.484	9.177	10.306	19.236
	TOT OBS	1004	932	1022	1012	1041	1003	1041	1022	990	1022	990	1023	12102
	MEAN	31.5	34.4	42.5	53.5	64.1	73.3	79.2	77.3	69.6	59.2	47.5	35.6	55.9
16	S.D.	9.727	9.562	9.208	10.082	10.066	9.227	7.012	7.344	8.370	8.933	8.632	9.897	18.868
	TOT OBS	1004	932	1022	1001	1033	1004	1041	1022	989	1023	990	1023	12084
	MEAN	27.8	30.2	37.9	48.1	58.5	67.8	73.7	71.2	62.7	52.8	43.0	32.2	50.7
19	S.D.	10.081	9.170	7.899	8.310	8.247	7.724	5.881	6.266	7.479	8.383	8.760	10.202	17.748
	TOT OBS	992	902	1009	990	1023	990	1022	1023	987	1021	979	1022	11960
	MEAN	26.1	28.0	35.3	44.7	53.8	62.5	68.5	67.2	59.8	49.9	41.3	30.9	46.5
22	S.D.	10.527	9.766	7.821	7.644	6.981	6.645	5.546	6.133	7.577	8.693	9.337	10.550	16.742
	TOT OBS	962	868	975	923	903	815	844	842	806	871	951	997	10757
	MEAN	27.2	29.4	37.1	47.5	57.7	66.8	72.7	71.1	63.5	53.3	43.5	32.3	50.2
ALL	S.D.	11.271	10.820	9.478	9.972	10.019	9.484	8.222	8.348	9.342	10.135	9.826	10.991	18.549
	TOT OBS	7610	7022	7751	7563	7788	7370	7629	7575	7318	7596	7469	7798	90489

17 - MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

HOURS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	15.6	16.9	24.3	33.1	43.2	54.0	60.4	59.9	52.6	42.0	33.0	21.8	38.0
01	S.D.	14.991	14.414	12.030	10.394	9.332	7.642	6.921	7.622	9.624	11.674	12.642	14.347	19.249
	TOT OBS	817	763	838	811	863	783	810	811	785	807	790	844	9722
	MEAN	14.9	16.5	23.8	32.5	42.8	53.2	59.8	59.1	51.8	41.3	32.6	21.5	37.4
04	S.D.	15.227	14.475	12.018	10.422	9.494	7.837	7.096	7.928	9.833	11.816	12.634	14.325	19.233
	TOT OBS	817	761	835	810	861	781	808	809	782	807	790	844	9705
	MEAN	14.7	16.2	24.1	33.8	44.5	55.1	61.2	60.5	53.7	42.3	32.8	20.5	38.4
07	S.D.	15.355	14.773	12.122	10.210	9.478	7.347	6.689	7.368	9.038	11.110	12.451	14.521	19.789
	TOT OBS	1004	932	1021	1004	1023	990	1023	1025	989	1023	987	1022	12041
	MEAN	17.1	18.8	25.4	33.7	44.4	55.2	61.0	60.6	54.2	43.8	34.7	22.7	39.5
10	S.D.	14.703	14.133	12.308	10.996	10.940	8.673	7.697	8.054	9.750	11.487	12.564	14.116	19.252
	TOT OBS	1004	932	1023	1012	1041	1004	1040	1023	989	1022	988	1020	12098
	MEAN	18.4	19.9	26.1	33.8	44.3	55.4	60.7	60.2	53.9	43.3	34.2	23.0	39.6
13	S.D.	13.913	13.459	12.183	11.157	11.304	9.214	7.945	8.333	10.019	11.770	12.713	13.912	18.899
	TOT OBS	1003	932	1022	1012	1041	1003	1041	1022	990	1022	990	1021	12099
	MEAN	17.7	19.6	25.7	33.6	44.2	55.4	61.1	60.4	53.9	42.9	33.5	22.5	39.4
16	S.D.	13.973	13.486	12.047	11.185	10.925	9.033	7.720	8.239	10.013	11.971	12.816	13.925	19.107
	TOT OBS	1003	932	1022	1001	1033	1004	1044	1022	989	1023	990	1022	12085
	MEAN	16.7	18.2	25.1	33.3	43.8	55.0	61.5	60.4	53.7	42.9	33.2	21.8	39.0
19	S.D.	14.372	13.679	12.050	10.678	10.479	8.225	7.322	7.600	9.370	11.520	12.455	14.070	19.274
	TOT OBS	991	902	1009	990	1023	990	1022	1023	987	1021	979	1021	11958
	MEAN	16.2	17.6	24.6	33.6	43.9	54.6	61.0	60.1	53.0	42.1	32.8	21.6	37.6
22	S.D.	14.509	13.875	11.922	10.463	9.429	7.786	6.846	7.399	9.694	11.539	12.402	14.162	19.225
	TOT OBS	960	868	975	923	903	815	844	842	806	871	950	996	10753
	MEAN	16.5	18.0	24.9	33.5	43.9	54.8	60.9	60.2	53.4	42.6	33.4	21.9	38.7
ALL	S.D.	14.661	14.082	12.107	10.714	10.260	8.312	7.334	7.847	9.692	11.625	12.597	14.180	19.272
	TOT OBS	7599	7022	7745	7563	7788	7370	7632	7575	7317	7596	7464	7790	90461

18 - MEANS AND STANDARD DEVIATIONS

SEA-LEVEL PRESSURE (MB)
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

HOURS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	1015.0	1015.3	1014.1	1014.4	1014.9	1014.5	1014.6	1015.9	1017.8	1018.3	1016.4	1016.2	1015.6
01	S.D.	10.814	10.784	10.244	8.971	6.780	6.004	5.391	4.954	6.437	8.592	9.630	10.573	8.630
	TOT OBS	819	763	840	811	863	783	810	811	785	807	792	844	9728
	MEAN	1015.0	1015.1	1013.8	1014.2	1014.7	1014.4	1014.6	1015.7	1017.6	1018.2	1016.3	1016.3	1015.5
04	S.D.	10.809	10.878	10.399	9.052	6.868	6.117	5.449	5.017	6.528	8.617	9.751	10.983	8.747
	TOT OBS	819	761	837	810	862	781	808	809	782	807	791	844	9711
	MEAN	1015.5	1015.5	1014.6	1015.0	1015.8	1014.9	1015.3	1016.3	1018.5	1018.5	1016.8	1016.7	1016.1
07	S.D.	10.791	11.024	10.280	9.172	6.959	6.262	5.382	5.098	6.619	8.575	9.900	10.638	8.724
	TOT OBS	1005	932	1023	1004	1023	990	1023	1023	990	1023	988	1023	12047
	MEAN	1016.2	1015.8	1014.6	1014.8	1015.6	1014.7	1015.2	1016.4	1018.6	1018.6	1017.1	1017.4	1016.2
10	S.D.	10.926	11.029	10.395	9.262	6.970	6.375	5.393	5.278	6.759	8.706	10.032	10.685	8.818
	TOT OBS	1005	932	1023	1012	1041	1004	1041	1023	989	1022	989	1022	12103
	MEAN	1014.2	1014.2	1013.3	1013.6	1014.6	1013.9	1014.4	1015.6	1017.5	1017.2	1015.5	1015.6	1015.0
13	S.D.	10.841	10.865	10.306	9.155	6.875	6.316	5.384	5.227	6.883	8.698	9.936	10.558	8.736
	TOT OBS	1004	932	1022	1012	1041	1003	1042	1023	990	1023	990	1023	12105
	MEAN	1014.3	1013.8	1012.6	1012.9	1013.9	1013.3	1013.8	1014.9	1016.8	1016.8	1015.5	1015.8	1014.5
16	S.D.	10.718	10.624	10.048	8.937	6.713	6.209	5.338	5.078	6.888	8.621	9.633	10.348	8.586
	TOT OBS	1004	931	1022	1001	1033	1004	1042	1023	989	1023	990	1023	12085
	MEAN	1015.0	1015.0	1013.8	1013.8	1014.4	1013.8	1014.1	1015.3	1017.5	1017.7	1016.3	1016.6	1015.3
19	S.D.	10.740	10.496	9.860	8.799	6.521	5.994	5.261	4.932	6.585	8.510	9.439	10.341	8.459
	TOT OBS	992	902	1009	990	1023	990	1022	1023	987	1021	979	1022	11960
	MEAN	1015.3	1015.4	1014.4	1014.6	1015.1	1014.8	1015.0	1016.2	1018.0	1018.4	1016.6	1016.7	1015.8
22	S.D.	10.757	10.540	9.935	8.711	6.613	5.905	5.272	4.862	6.438	8.703	9.351	10.377	8.574
	TOT OBS	962	869	975	923	903	815	844	842	806	871	951	997	10758
	MEAN	1015.0	1015.0	1013.9	1014.2	1014.9	1014.3	1014.6	1015.8	1017.8	1017.9	1016.3	1016.4	1015.5
ALL	S.D.	10.813	10.796	10.198	9.033	6.813	6.181	5.379	5.089	6.679	8.648	9.726	10.565	8.677
	TOT OBS	7610	7022	7751	7563	7789	7370	7632	7577	7318	7597	7470	7798	90497

19 - MEANS AND STANDARD DEVIATIONS

STATION PRESSURE (INCHES OF HG)
(FROM HOURLY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT

HOURS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	29.810	29.809	29.777	29.789	29.806	29.798	29.800	29.834	29.888	29.896	29.841	29.837	29.823
01	S.D.	.309	.314	.299	.261	.195	.173	.156	.143	.186	.252	.280	.308	.249
	TOT OBS	757	735	778	781	832	753	779	780	755	745	732	782	9209
	MEAN	29.809	29.804	29.767	29.784	29.802	29.795	29.798	29.829	29.882	29.893	29.837	29.837	29.819
04	S.D.	.309	.318	.304	.264	.197	.176	.157	.145	.188	.253	.284	.311	.252
	TOT OBS	757	733	775	780	831	751	777	778	752	745	731	782	9192
	MEAN	29.820	29.811	29.789	29.803	29.830	29.806	29.817	29.845	29.906	29.900	29.851	29.851	29.836
07	S.D.	.309	.322	.299	.267	.200	.180	.155	.148	.191	.251	.287	.309	.252
	TOT OBS	943	904	961	959	992	960	992	992	960	961	928	961	11513
	MEAN	29.840	29.820	29.790	29.798	29.826	29.808	29.819	29.847	29.910	29.904	29.858	29.871	29.841
10	S.D.	.313	.322	.302	.269	.200	.184	.158	.150	.195	.254	.291	.310	.255
	TOT OBS	943	904	961	960	992	974	1009	992	959	960	929	960	11543
	MEAN	29.782	29.774	29.751	29.765	29.797	29.785	29.798	29.824	29.879	29.863	29.813	29.819	29.804
13	S.D.	.311	.317	.299	.266	.198	.183	.158	.152	.198	.254	.289	.307	.253
	TOT OBS	942	904	960	960	992	973	1010	992	960	961	930	961	11545
	MEAN	29.786	29.764	29.733	29.744	29.777	29.767	29.779	29.805	29.859	29.852	29.814	29.824	29.792
16	S.D.	.308	.310	.292	.261	.193	.180	.157	.147	.198	.252	.280	.301	.249
	TOT OBS	942	904	960	960	991	974	1010	991	959	961	930	961	11543
	MEAN	29.808	29.797	29.765	29.770	29.793	29.775	29.785	29.816	29.878	29.878	29.837	29.846	29.812
19	S.D.	.308	.307	.287	.256	.187	.173	.152	.143	.190	.249	.274	.301	.244
	TOT OBS	930	874	947	959	992	960	991	991	956	959	918	959	11436
	MEAN	29.815	29.810	29.785	29.793	29.813	29.805	29.809	29.843	29.893	29.898	29.844	29.848	29.829
22	S.D.	.308	.307	.289	.253	.190	.170	.152	.141	.185	.255	.271	.302	.248
	TOT OBS	900	841	913	892	872	785	812	811	775	809	890	934	10234
	MEAN	29.809	29.798	29.770	29.780	29.805	29.792	29.800	29.830	29.887	29.885	29.837	29.842	29.819
ALL	S.D.	.310	.315	.297	.263	.196	.178	.157	.147	.192	.253	.283	.306	.251
	TOT OBS	7114	6799	7255	7251	7494	7130	7380	7327	7076	7101	6988	7300	86215

U14790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56
PERIOD OF RECORD : 1945-1986

PERCENT OF HOURS WITH
CEILING LESS THAN 5000 FEET & VISIBILITY LESS THAN 5.00 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
01	35	32	34	32	35	39	38	39	38	35	39	39		
04	36	35	35	36	42	50	50	46	42	38	42	39		
07	38	39	38	36	38	42	46	48	47	43	46	40		
10	35	37	39	38	34	38	37	36	37	37	41	38	37	
13	34	38	42	39	36	39	39	39	37	35	40	36	38	
16	32	34	37	34	30	32	32	31	29	30	37	36	33	
19	30	31	34	33	31	31	30	34	32	29	32	35	32	[illegible]
22	33	32	33	30	33	36	32	36	33	33	36	37	34	42
ALL	34	35	37	35	35	38	38	39	37	35	39	37	36	42

PERCENT OF HOURS WITH
CEILING LESS THAN 3000 FEET & VISIBILITY LESS THAN 3.00 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	26	26	27	25	28	29	27	29	28	26	30	29	27	42
04	27	25	27	28	32	38	36	35	31	28	30	29	31	42
07	29	29	30	28	30	32	33	35	37	34	33	30	32	42
10	26	28	30	27	27	27	23	24	27	24	31	27	27	42
13	25	29	29	24	23	24	18	21	23	22	28	27	24	42
16	24	26	25	20	20	20	16	17	19	21	26	27	22	42
19	24	24	25	23	22	20	17	21	21	20	25	26	22	42
22	25	25	25	23	26	25	19	24	23	23	26	27	24	42
ALL	26	27	27	25	26	27	24	25	26	25	29	28	26	42

PERCENT OF HOURS WITH
CEILING LESS THAN 1000 FEET & VISIBILITY LESS THAN 3.00 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	16	17	18	17	22	24	23	24	20	21	19	18	20	42
04	16	16	19	20	26	34	31	29	25	21	20	18	23	42
07	19	22	22	22	23	27	29	30	31	27	24	20	25	42
10	19	21	19	15	17	17	13	15	17	16	19	21	17	42
13	16	19	17	12	13	12	8	10	13	11	16	18	14	42
16	16	17	15	12	13	12	9	11	11	12	14	18	13	42
19	15	16	17	15	17	14	14	16	15	13	15	17	15	42
22	16	17	16	15	20	20	16	19	17	17	17	17	17	42
ALL	17	18	18	16	19	20	17	19	18	17	18	19	18	42

20 - FLYING WEATHER - PERCENT OF HOURS

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

PERCENT OF HOURS WITH
CEILING LESS THAN 400 FEET & VISIBILITY LESS THAN 1 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	8	7	9	8	11	11	9	10	8	9	9	7	9	42
04	7	7	10	9	13	14	13	11	11	12	8	8	10	42
07	8	11	10	8	10	9	8	9	13	13	10	8	10	42
10	8	8	7	3	4	2	2	3	4	4	6	8	5	42
13	7	7	6	2	3	2	1	2	2	2	4	6	4	42
16	6	8	6	2	3	3	1	3	2	3	4	6	4	42
19	7	8	8	5	5	4	2	4	5	4	6	6	5	42
22	7	7	7	6	10	9	3	5	6	7	8	7	7	42
ALL	7	8	8	5	7	6	5	6	6	7	7	7	7	42

PERCENT OF HOURS WITH
CEILING LESS THAN 200 FEET & VISIBILITY LESS THAN 1/2 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	4	4	4	3	5	5	4	4	4	5	5	3	4	42
04	4	3	3	4	7	7	6	5	6	7	4	3	5	42
07	3	5	4	3	4	2	3	4	6	7	5	4	4	42
10	3	4	3	1	0*	0*	0*	1	1	1	2	3	2	42
13	2	2	2	0*	0*	0*	0*	1	0*	0*	1	2	1	42
16	2	3	2	1	0*	0*	0*	1	1	1	1	2	1	42
19	2	3	3	1	1	1	0*	1	2	1	2	2	2	42
22	2	3	4	3	4	3	1	3	3	2	3	2	3	42
ALL	3	3	3	2	3	2	2	2	3	3	3	3	3	42

NOTE :
* = VALUE > 0 AND < 0.5 PERCENT

5 - DAILY TEMPERATURES

ELEMENT TYPE : MAXIMUM TEMPERATURE

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
>=100	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0*
>= 95	.0	.0	.0	.0	.2	.8	2.9	.5	.2	.0	.0	.0	.4
>= 90	.0	.0	.0	.2	1.3	6.0	11.5	8.5	2.3	.0	.0	.0	2.5
>= 85	.0	.0	.0	.8	5.1	17.7	35.5	29.0	8.1	.9	.0	.0	8.2
>= 80	.0	.0	.0	2.8	12.3	40.1	66.3	56.9	22.0	3.3	.0	.0	17.3
>= 75	.0	.0	.4	6.1	24.4	61.6	87.7	78.0	41.9	10.8	.6	.0	26.4
>= 70	.0	.0	1.9	11.9	41.1	77.8	96.3	92.3	63.2	23.3	2.9	.1	34.9
>= 65	.0	.4	3.8	22.7	62.5	89.5	99.4	98.7	82.4	41.1	8.2	.5	43.2
>= 60	.5	1.6	7.3	37.5	79.4	95.9	99.8	100.0	94.7	60.2	18.7	3.6	50.8
>= 55	3.7	4.2	16.5	54.0	90.2	99.2	100.0	100.0	99.2	79.2	35.9	9.4	58.5
>= 50	7.6	10.2	29.0	74.6	96.9	99.8	100.0	100.0	99.9	94.0	55.6	17.2	66.3
>= 45	15.9	21.7	49.1	90.3	99.5	100.0	100.0	100.0	100.0	98.5	75.7	28.8	74.1
>= 40	30.8	36.7	71.0	98.3	100.0	100.0	100.0	100.0	100.0	99.9	90.7	47.9	82.0
>= 35	51.4	58.5	89.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	98.0	69.2	89.3
>= 30	70.4	80.4	96.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	99.9	85.4	94.6
>= 25	84.4	91.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	99.9	93.3	97.5
>= 20	93.8	96.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.2	99.0
>= 15	97.9	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	99.7
>= 10	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	99.9
>= 5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN	34.8	37.0	45.2	57.0	67.6	76.4	82.0	80.2	72.7	62.5	51.4	39.6	59.2
S.D.	10.043	9.755	9.581	10.277	9.852	8.894	6.554	6.988	8.326	9.111	9.068	10.281	18.740
TOT. OBS.	992	896	1009	1020	1047	1020	1030	1053	1019	1045	1020	1035	12186

NOTES :
* = PERCENT < .05

6 - DAILY TEMPERATURES

ELEMENT TYPE : MINIMUM TEMPERATURE

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
>= 80	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0*
>= 75	.0	.0	.0	.0	.0	.0	1.0	1.0	.0	.0	.0	.0	.2
>= 70	.0	.0	.0	.0	.1	1.2	11.0	10.6	1.3	.0	.0	.0	2.1
>= 65	.0	.0	.0	.0	.5	10.2	39.0	32.1	8.8	.8	.1	.0	7.8
>= 60	.0	.0	.0	.2	4.3	31.8	73.6	62.3	24.0	2.9	.3	.0	16.9
>= 55	.1	.0	.0	1.7	14.6	59.3	93.8	86.2	47.1	11.1	2.1	.2	26.8
>= 50	.1	.2	.2	7.1	35.0	86.0	99.1	96.9	70.6	25.4	7.1	.5	36.3
>= 45	.3	.6	2.3	15.9	65.3	97.7	100.0	99.5	87.7	45.7	15.8	1.6	45.1
>= 40	1.4	2.0	6.5	38.7	88.3	99.7	100.0	99.8	96.5	65.0	29.7	5.4	53.6
>= 35	5.4	6.9	22.0	65.9	97.4	100.0	100.0	100.0	99.2	82.8	47.3	12.3	62.5
>= 30	17.3	21.4	48.9	92.3	99.9	100.0	100.0	100.0	100.0	96.1	75.2	30.8	74.3
>= 25	30.0	38.1	74.2	98.7	100.0	100.0	100.0	100.0	100.0	99.6	90.5	51.1	82.5
>= 20	47.8	54.9	87.9	99.5	100.0	100.0	100.0	100.0	100.0	99.9	97.8	68.1	88.5
>= 15	65.0	69.2	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.6	81.8	92.9
>= 10	79.5	83.9	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.1	96.2
>= 5	89.0	93.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.1	98.2
>= 0	95.9	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.5	99.4
>= -5	98.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	99.8
>=-10	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=-15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN	18.5	20.4	28.8	37.9	47.2	56.3	62.7	61.4	53.7	43.4	35.2	23.8	41.1
S.D.	10.773	10.307	7.805	6.886	6.689	6.298	5.437	6.379	7.818	8.575	8.740	10.341	17.105
TOT. OBS.	992	894	1008	1020	1045	1018	1028	1051	1017	1045	1019	1034	12171

NOTES :
* = PERCENT < .05

7 - DAILY TEMPERATURES

ELEMENT TYPE : MEAN TEMPERATURE

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
>= 90	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0*
>= 85	.0	.0	.0	.0	.0	.1	1.1	.5	.1	.0	.0	.0	.1
>= 80	.0	.0	.0	.0	.2	2.4	9.1	8.1	1.3	.0	.0	.0	1.8
>= 75	.0	.0	.0	.1	1.4	12.5	36.3	29.8	8.0	.4	.0	.0	7.5
>= 70	.0	.0	.0	.7	6.5	35.4	73.2	58.0	21.3	1.7	.0	.0	16.7
>= 65	.0	.0	.0	2.5	18.5	62.8	94.1	86.1	42.3	9.3	1.2	.0	26.9
>= 60	.0	.0	.7	7.5	38.2	82.6	99.3	97.5	69.2	22.8	4.0	.3	35.8
>= 55	.1	.4	2.6	19.6	65.0	96.4	100.0	99.6	88.8	43.4	9.9	1.0	44.6
>= 50	.7	1.6	6.5	35.8	87.6	99.8	100.0	100.0	97.8	65.4	22.3	3.8	52.6
>= 45	3.4	4.6	15.9	60.9	97.2	100.0	100.0	100.0	99.9	84.4	43.4	10.3	60.9
>= 40	10.1	12.4	37.2	87.6	99.9	100.0	100.0	100.0	100.0	96.9	66.9	20.6	70.2
>= 35	22.7	29.9	63.7	98.1	100.0	100.0	100.0	100.0	100.0	99.7	87.1	40.1	79.2
>= 30	40.1	49.1	85.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	97.2	60.6	86.6
>= 25	61.1	67.9	94.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	99.6	79.3	92.2
>= 20	76.8	84.5	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	89.4	95.9
>= 15	89.3	93.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.2	98.3
>= 10	95.5	97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.7	99.4
>= 5	98.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	99.8
>= 0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= -5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN	26.9	28.9	37.2	47.7	57.7	66.6	72.6	71.0	63.4	53.2	43.5	32.0	50.4
S.D.	9.813	9.387	7.942	7.755	7.345	6.826	5.234	5.950	7.309	8.024	8.230	9.741	17.570
TOT. OBS.	992	894	1008	1020	1045	1018	1028	1051	1017	1045	1019	1034	12171

NOTES :
* = PERCENT < .05

8 - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION

(FROM DAILY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

	INCHES													PERCENT OF DAYS WITH AMOUNTS	TOTAL NO. OF OBS	TOTAL PRECIPITATION (INCHES)		
	NONE	TRACE	.01	<=.05	<=.10	<=.25	<=.50	<=1.0	<=2.5	<=5.0	<=10.0	<=20.0	>20.0	>=.01		MEAN	HI	LOW
JAN	48.0	17.3	1.3	6.4	4.1	6.8	8.1	4.5	3.4	.1	.0	.0	.0	34.7	991	.41	10.72	.78
FEB	48.9	13.8	2.5	6.5	5.6	7.0	5.8	5.4	4.2	.3	.0	.0	.0	37.3	896	.41	7.58	.78
MAR	47.1	17.1	2.5	6.4	4.7	7.8	6.5	4.9	2.9	.1	.0	.0	.0	35.9	990	.38	9.83	.72
APR	48.3	15.9	2.7	6.7	4.6	7.4	5.3	6.1	2.9	.2	.0	.0	.0	35.9	990	.38	7.98	1.15
MAY	47.8	16.3	4.2	6.3	5.1	8.3	5.8	4.1	2.0	.2	.0	.0	.0	35.9	1054	.32	8.17	.52
JUN	52.0	12.4	4.4	6.7	5.5	7.0	5.8	4.3	1.9	.0	.0	.0	.0	35.6	989	.29	10.35	.69
JUL	57.7	12.8	3.3	6.5	4.5	4.7	4.6	4.1	1.8	.0	.0	.0	.0	29.5	1054	.26	4.92	.67
AUG	57.0	12.0	2.6	6.3	3.9	6.7	5.0	4.0	2.0	.3	.2	.0	.0	31.0	1019	.35	17.59	.64
SEP	61.0	11.1	2.5	5.4	3.6	5.5	4.8	4.0	1.4	.7	.0	.0	.0	27.9	981	.31	8.33	.49
OCT	60.7	9.3	2.9	3.7	3.9	6.3	5.3	4.5	3.2	.1	.0	.0	.0	30.0	1020	.37	8.93	1.22
NOV	48.6	12.5	2.8	8.3	3.2	7.1	7.5	5.8	3.8	.4	.0	.0	.0	38.9	990	.46	11.27	.74
DEC	46.1	15.3	2.8	6.8	4.6	7.8	7.4	5.2	3.7	.2	.0	.0	.0	38.5	1012	.43	9.53	1.20
ANN	52.0	13.8	2.9	6.3	4.5	6.8	6.0	4.8	2.8	.2	.0*	.0	.0	34.2	12102	4.37	59.50	25.36

NOTES :
.00T, .0 OR 0.T = ZERO PRECIPITATION ,SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED
* = PERCENT < .05
ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

9 - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW FALL

(FROM DAILY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

	INCHES													PERCENT OF DAYS WITH AMOUNTS	TOTAL NO. OF OBS	TOTAL PRECIPITATION (INCHES)		
	NONE	TRACE	.1-.4	.5-1.4	<=2.4	<=3.4	<=4.4	<= 6.4	<=10.4	<=15.4	<=25.4	<=50.4	>50.4	>=.1		MEAN	HI	LOW
JAN	62.4	20.1	4.4	5.1	2.3	2.0	1.1	1.1	.9	.5	.0	.0	.0	17.5	992	12.3	31.2	.0T
FEB	63.6	16.9	4.8	6.0	3.4	1.1	1.5	1.5	.7	.4	.2	.0	.0	19.6	895	12.2	42.5	.0T
MAR	71.0	17.3	2.4	4.1	1.8	.7	.9	1.2	.6	.1	.0	.0	.0	11.7	1007	8.3	24.7	.0T
APR	89.5	7.9	1.0	1.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	2.6	990	1.3	13.3	.0
MAY	99.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1054	.0T	.0T	.0
JUN	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	990	.0	.0	.0
JUL	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1054	.0	.0	.0
AUG	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1023	.0	.0	.0
SEP	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	995	.0	.0	.0
OCT	98.5	1.2	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3	1025	.1	3.5	.0
NOV	90.0	7.7	.8	.6	.4	.3	.0	.1	.0	.0	.1	.0	.0	2.3	989	1.6	22.7	.0
DEC	67.3	17.9	4.4	4.1	2.2	1.6	1.1	.8	.4	.2	.0	.0	.0	14.7	1032	8.5	29.6	.0T
ANN	87.1	7.3	1.5	1.7	.8	.5	.4	.4	.2	.1	.0*	.0	.0	5.6	12046	44.3	85.5	13.6

NOTES :
.00T, .0 OR 0.T = ZERO PRECIPITATION ,SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED
* = PERCENT < .05
ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

10 - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA
PERIOD OF RECORD : 1945-1986

LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT

	INCHES													PERCENT OF DAYS WITH AMOUNTS	TOTAL NO. OF OBS	TOTAL PRECIPITATION (INCHES)		
	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	60-120	> 120	>= 1		MEAN	HI	LOW
JAN	47.7	7.4	8.2	8.0	5.8	7.4	10.6	5.0	.0	.0	.0	.0	.0	45.0	992		19.	0.
FEB	45.9	11.5	5.2	5.7	5.0	9.3	7.7	4.7	1.0	.0	.0	.0	.0	42.6	894		31.	0.
MAR	72.8	5.2	5.2	3.9	3.3	3.7	3.3	1.9	.9	.0	.0	.0	.0	22.0	1009		36.	0.
APR	97.3	1.2	.6	.0	.4	.1	.2	.2	.0	.0	.0	.0	.0	1.5	990		13.	0.
MAY	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1022		0.	0.
JUN	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	989		0.	0.
JUL	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1023		0.	0.
AUG	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1023		0.	0.
SEP	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	990		0.	0.
OCT	99.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1024		0.	0.
NOV	96.3	1.5	1.2	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.2	990		3.	0.
DEC	69.0	8.5	6.5	4.1	3.0	5.2	2.8	.9	.0	.0	.0	.0	.0	22.5	1023		15.	0.
ANN	86.1	2.9	2.5	1.8	1.5	2.1	2.0	1.0	.2	.0	.0	.0	.0	11.0	11969		36.	0.T

NOTES :
.00T, .0 OR 0.T = ZERO PRECIPITATION ,SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED
* = PERCENT < .05
ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

21 - DAILY EXTREME AMOUNTS

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT

PERIOD OF RECORD : 1945-1986

MONTH : JAN

	PRECIPITATION			SNOWFALL			SNOW DEPTH		
DAY	INCHES	MM	DATE	INCHES	MM	DATE	INCHES	MM	DATE
1	1.30	33	1982	6.60	168	1971	13.	330	1977
2	1.52	39	1979	5.60	142	1981	19.	483	1971
3	.95	24	1960	1.40	36	1981	17.	432	1971
4	2.17	55	1982	2.10	53	1974	11.	279	1971
5	.42	11	1986	1.90	48	1985	8.	203	1977
6	1.78	45	1962	1.10	28	1968	8.	203	1977
7	1.30	33	1977	13.00	330	1977	13.	330	1968
8	1.41	36	1979	4.10	104	1985	18.	457	1977
9	1.49	38	1978	7.10	180	1974	17.	432	1977
10	1.54	39	1977	4.80	122	1974	19.	483	1977
11	1.09	28	1956	5.30	135	1984	14.	356	1974
12	.94	24	1976	9.40	239	1976	12.	305	1968
13	1.28	33	1979	9.00	229	1964	13.	330	1976
14	1.75	44	1978	5.70	145	1982	11.	279	1977
15	2.65	67	1958	2.30	58	1977	15.	381	1977
16	1.31	33	1965	12.20	310	1965	16.	406	1977
17	1.05	27	1956	8.20	208	1956	18.	457	1965
18	.69	18	1975	2.20	56	1984	18.	457	1965
19	1.08	27	1986	3.00	76	1960	19.	483	1965
20	1.48	38	1961	15.20	386	1961	17.	432	1977
21	2.38	60	1979	7.80	198	1970	16.	406	1984
22	1.12	28	1958	2.50	64	1976	16.	406	1984
23	1.31	33	1983+	10.50	267	1966	16.	406	1984
24	.58	15	1965	4.60	117	1965	14.	356	1984
25	1.87	47	1979	7.00	178	1968	14.	356	1961
26	1.16	29	1986	1.00	25	1971	14.	356	1961
27	1.26	32	1963	5.20	132	1963	15.	381	1961
28	1.30	33	1976	5.30	135	1964	15.	381	1961
29	.96	24	1973	2.80	71	1957	14.	356	1961
30	.91	23	1966	5.60	142	1966	11.	279	1966
31	.59	15	1984	2.60	66	1984	14.	356	1966
MONTH	2.65	67	1958	15.20	386	1961	19.	483	1977

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

MONTH : FEB

DAY	PRECIPITATION INCHES	MM	DATE	SNOWFALL INCHES	MM	DATE	SNOW DEPTH INCHES	MM	DATE
1	.56	14	1955	5.00	127	1955	15.	381	1966
2	2.20	56	1973	6.00	152	1974	13.	330	1966
3	2.67	68	1970	2.30	58	1966	13.	330	1966
4	2.11	54	1961	1.90	48	1961	15.	381	1966
5	1.29	33	1975	8.50	216	1975	27.	686	1961
6	1.35	34	1978	13.50	343	1978	25.	635	1961
7	1.66	42	1978	16.60	422	1978	23.	584	1961
8	.93	24	1971	2.50	64	1971	31.	787	1978
9	1.12	28	1969	9.00	229	1969	30.	762	1978
10	1.26	33	1970	7.10	180	1969	29.	737	1978
11	2.04	52	1955	6.30	160	1973	29.	737	1978
12	2.71	69	1985	16.00	406	1983	28.	711	1978
13	3.10	79	1985	1.90	48	1982	27.	686	1978
14	.74	19	1960	7.00	178	1962	23.	584	1978
15	.65	17	1970	4.00	102	1970	22.	559	1978
16	2.10	53	1958	9.90	251	1964	21.	533	1978
17	1.19	30	1983	3.00	76	1974	21.	533	1958
18	.81	21	1986	4.40	112	1967	21.	533	1958
19	2.11	54	1972	11.90	302	1964	21.	533	1958
20	.67	17	1981	3.80	97	1982	21.	533	1958
21	.85	22	1986	1.80	46	1967	17.	432	1958
22	.80	20	1974	2.00	51	1962	15.	381	1958
23	.69	18	1967	4.30	109	1959	14.	356	1958
24	1.27	32	1975	11.00	279	1969	12.	305	1958
25	1.91	49	1965	8.00	203	1966	15.	381	1969
26	1.85	47	1979	6.00	152	1969	20.	508	1969
27	.62	16	1955	2.00	51	1969	24.	610	1969
28	1.72	44	1958	5.60	142	1970	28.	711	1969
29									
30									
31									
MONTH	3.10	79	1985	16.60	422	1978	31.	787	1978

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

D14790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

MONTH : MAR

	PRECIPITATION			SNOWFALL			SNOW DEPTH		
DAY	INCHES	MM	DATE	INCHES	MM	DATE	INCHES	MM	DATE
1	.59	15	1966	5.20	132	1957	28.	711	1969
2	1.99	51	1983	2.20	56	1963	28.	711	1969
3	1.74	44	1972	9.00	229	1978	30.	762	1969
4	1.13	29	1971	10.30	262	1960	36.	914	1969
5	.60	15	1972	6.00	152	1972	35.	889	1969
6	1.03	26	1959	1.20	30	1967	35.	889	1969
7	1.92	49	1967	3.50	89	1967	33.	838	1969
8	1.14	29	1957	1.00	25	1961	27.	686	1969
9	.90	23	1961	6.00	152	1984	25.	635	1969
10	1.14	29	1983	1.00	25	1976	24.	610	1969
11	.61	15	1983	2.50	64	1971	19.	483	1969
12	1.51	38	1985	6.00	152	1959	16.	406	1969
13	1.44	37	1977	3.00	76	1984	14.	356	1969
14	1.47	37	1984	5.00	127	1958	12.	305	1969
15	.74	19	1958	5.70	145	1967	10.	254	1969
16	.64	16	1955	6.00	152	1956	9.	229	1967
17	1.82	46	1968	1.70	43	1960	7.	178	1967
18	3.88	99	1968	4.30	109	1977	7.	178	1967
19	1.30	33	1956	13.00	330	1956	7.	178	1967
20	1.35	34	1957	10.20	259	1957	20.	508	1956
21	2.33	59	1983	5.00	127	1958	19.	483	1956
22	1.44	37	1977	6.10	155	1967	15.	381	1956
23	1.14	29	1977	1.60	41	1977	9.	229	1967
24	1.10	28	1956	1.10	28	1956	9.	229	1956
25	2.14	54	1969	T	T	1983	17.	432	1956
26	.43	11	1965	.30	8	1978	12.	305	1956
27	.66	17	1978	4.00	102	1959	10.	254	1956
28	.61	15	1983	T	T	1984	7.	178	1956
29	.84	21	1970	8.40	213	1970	3.	76	1956
30	.50	13	1956	2.00	51	1969	8.	203	1970
31	.60	15	1970	6.00	152	1970	7.	178	1970
MONTH	3.88	99	1968	13.00	330	1956	36.	914	1969

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

MONTH : APR

DAY	PRECIPITATION INCHES	MM	DATE	SNOWFALL INCHES	MM	DATE	SNOW DEPTH INCHES	MM	DATE
1	2.56	65	1962	T	T	1961	11.	279	1970
2	2.10	53	1970	T	T	1979	4.	102	1970
3	1.82	46	1975	T	T	1972	T	T	1970
4	.95	24	1982	.60	15	1975	T	T	1975
5	1.37	35	1957	1.00	25	1957	1.	25	1975
6	1.32	34	1958	12.00	305	1982	0.	0	1986
7	1.19	30	1971	3.40	86	1967	13.	330	1982
8	1.22	31	1957	8.00	203	1956	13.	330	1982
9	1.73	44	1957	1.00	25	1979	11.	279	1982
10	2.13	54	1983	1.40	36	1974	3.	76	1982
11	1.20	30	1958	5.30	135	1958	T	T	1985
12	.36	9	1965	T	T	1982	0.	0	1986
13	.83	21	1961	.20	5	1957	0.	0	1986
14	1.43	36	1964	T	T	1985	0.	0	1986
15	1.12	28	1964	T	T	1962	0.	0	1986
16	1.24	31	1961	.30	8	1971	T	T	1962
17	2.83	72	1954	T	T	1972	0.	0	1986
18	.68	17	1967	.70	18	1965	0.	0	1986
19	1.26	32	1969	.10	3	1967	T	T	1967
20	.80	20	1972	.80	20	1972	0.	0	1986
21	.15	4	1970	.00	0	1986	0.	0	1986
22	1.22	31	1958	.00	0	1986	0.	0	1986
23	.96	24	1954	T	T	1956	0.	0	1986
24	2.16	55	1983	T	T	1967	0.	0	1986
25	.79	20	1955	.10	3	1971	0.	0	1986
26	.73	19	1945	T	T	1975	0.	0	1986
27	1.55	39	1979	.40	10	1975	0.	0	1986
28	1.24	31	1958	T	T	1966	0.	0	1986
29	1.14	29	1962	.30	8	1971	0.	0	1986
30	1.15	29	1963	.00	0	1986	0.	0	1986
31									
MONTH	2.83	72	1954	12.00	305	1982	13.	330	1982

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

MONTH : MAY

	PRECIPITATION			SNOWFALL			SNOW DEPTH		
DAY	INCHES	MM	DATE	INCHES	MM	DATE	INCHES	MM	DATE
1	.37	9	1976+	.00	0	1986	0.	0	1986
2	.63	16	1963	.00	0	1986	0.	0	1985
3	1.06	27	1972	.00	0	1986	0.	0	1986
4	.98	25	1945	T	T	1986	0.	0	1986
5	.52	13	1955	.00	0	1986	0.	0	1986
6	.72	18	1958	.00	0	1986	0.	0	1986
7	.86	22	1967	T	T	1967	0.	0	1986
8	.82	21	1954	.00	0	1986	0.	0	1986
9	2.03	52	1977	T	T	1977	0.	0	1986
10	1.03	26	1977	T	T	1977	0.	0	1986
11	1.05	27	1973	.00	0	1986	0.	0	1986
12	1.29	33	1968	.00	0	1986	0.	0	1986
13	.74	19	1975	.00	0	1986	0.	0	1986
14	.49	12	1979	.00	0	1986	0.	0	1986
15	1.59	40	1978	.00	0	1986	0.	0	1986
16	2.24	57	1954	.00	0	1986	0.	0	1986
17	.58	15	1970	.00	0	1986	0.	0	1986
18	1.20	30	1963	.00	0	1986	0.	0	1986
19	.48	12	1966	.00	0	1986	0.	0	1986
20	1.15	29	1969	.00	0	1986	0.	0	1986
21	.96	24	1954	.00	0	1986	0.	0	1986
22	.76	19	1986	.00	0	1986	0.	0	1986
23	1.20	30	1979	.00	0	1986	0.	0	1986
24	.71	18	1960	.00	0	1986	0.	0	1986
25	2.92	74	1967	T	T	1967	0.	0	1986
26	1.51	38	1961	.00	0	1986	0.	0	1986
27	1.02	26	1957	.00	0	1986	0.	0	1986
28	1.60	41	1966	.00	0	1986	0.	0	1986
29	.79	20	1982	.00	0	1986	0.	0	1986
30	1.15	29	1983	.00	0	1986	0.	0	1986
31	2.88	73	1984	.00	0	1986	0.	0	1986
MONTH	2.92	74	1967	T	T	1986	0.	0	1986

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT

PERIOD OF RECORD : 1945-1986

MONTH : JUN

DAY	PRECIPITATION INCHES	MM	DATE	SNOWFALL INCHES	MM	DATE	SNOW DEPTH INCHES	MM	DATE
1	.97	25	1984	.00	0	1986	0.	0	1986
2	1.63	41	1982	.00	0	1986	0.	0	1986
3	1.19	30	1956	.00	0	1986	0.	0	1986
4	.73	19	1982	.00	0	1986	0.	0	1986
5	1.80	46	1982	.00	0	1986	0.	0	1986
6	2.41	61	1982	.00	0	1986	0.	0	1986
7	.99	25	1982	.00	0	1986	0.	0	1986
8	.58	15	1971	.00	0	1986	0.	0	1986
9	.75	19	1963	.00	0	1986	0.	0	1986
10	1.58	40	1977	.00	0	1986	0.	0	1986
11	1.08	27	1977	.00	0	1986	0.	0	1986
12	1.07	27	1955	.00	0	1986	0.	0	1986
13	1.59	40	1959	.00	0	1986	0.	0	1986
14	.87	22	1982	.00	0	1986	0.	0	1986
15	.42	11	1954	.00	0	1986	0.	0	1986
16	.90	23	1956	.00	0	1986	0.	0	1986
17	1.51	38	1974	.00	0	1986	0.	0	1986
18	.51	13	1959	.00	0	1986	0.	0	1986
19	.83	21	1972	.00	0	1986	0.	0	1986
20	1.53	39	1967	.00	0	1986	0.	0	1986
21	.20	5	1974+	.00	0	1986	0.	0	1986
22	.77	20	1981	.00	0	1986	0.	0	1986
23	.84	21	1954	.00	0	1986	0.	0	1986
24	.61	15	1962	.00	0	1986	0.	0	1986
25	.58	15	1984	.00	0	1986	0.	0	1986
26	1.92	49	1945	.00	0	1986	0.	0	1986
27	.97	25	1945	.00	0	1986	0.	0	1986
28	1.14	29	1968	.00	0	1986	0.	0	1986
29	.48	12	1980	.00	0	1986	0.	0	1986
30	1.54	39	1973	.00	0	1986	0.	0	1986
31									
MONTH	2.41	61	1982	.00	0	1986	0.	0	1986

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCUPRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

MONTH : JUL

DAY	PRECIPITATION INCHES	MM	DATE	SNOWFALL INCHES	MM	DATE	SNOW DEPTH INCHES	MM	DATE
1	1.24	31	1976	.00	0	1986	0.	0	1986
2	1.79	45	1986	.00	0	1986	0.	0	1986
3	.80	20	1967	.00	0	1986	0.	0	1986
4	1.51	38	1978	.00	0	1986	0.	0	1986
5	1.15	29	1956	.00	0	1986	0.	0	1986
6	.48	12	1961	.00	0	1986	0.	0	1986
7	1.14	29	1966	.00	0	1986	0.	0	1986
8	.95	24	1963	.00	0	1986	0.	0	1986
9	.91	23	1964	.00	0	1986	0.	0	1986
10	.87	22	1975	.00	0	1986	0.	0	1986
11	.68	17	1959	.00	0	1986	0.	0	1986
12	1.28	33	1975	.00	0	1986	0.	0	1986
13	.96	24	1969	.00	0	1986	0.	0	1986
14	2.07	53	1960	.00	0	1986	0.	0	1986
15	.75	19	1959	.00	0	1986	0.	0	1986
16	.80	20	1961	.00	0	1986	0.	0	1986
17	1.01	26	1965	.00	0	1986	0.	0	1986
18	1.06	27	1984	.00	0	1986	0.	0	1986
19	1.29	33	1982	.00	0	1986	0.	0	1986
20	1.68	43	1982	.00	0	1986	0.	0	1986
21	1.36	35	1954	.00	0	1986	0.	0	1986
22	.60	15	1982	.00	0	1986	0.	0	1986
23	.92	23	1958	.00	0	1986	0.	0	1986
24	1.95	50	1955	.00	0	1986	0.	0	1986
25	.64	16	1977	.00	0	1986	0.	0	1986
26	.48	12	1985+	.00	0	1986	0.	0	1986
27	.80	20	1984	.00	0	1986	0.	0	1986
28	1.20	30	1982	.00	0	1986	0.	0	1986
29	1.14	29	1980	.00	0	1986	0.	0	1986
30	1.12	28	1976	.00	0	1986	0.	0	1986
31	.57	14	1961	.00	0	1986	0.	0	1986
MONTH	2.07	53	1960	.00	0	1986	0.	0	1986

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

D14790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT

PERIOD OF RECORD : 1945-1986

MONTH : AUG

	PRECIPITATION			SNOWFALL			SNOW DEPTH		
DAY	INCHES	MM	DATE	INCHES	MM	DATE	INCHES	MM	DATE
1	.64	16	1976	.00	0	1986	0.	0	1986
2	.80	20	1963	.00	0	1986	0.	0	1986
3	1.43	36	1986	.00	0	1986	0.	0	1986
4	1.33	34	1979	.00	0	1986	0.	0	1986
5	.90	23	1981	.00	0	1986	0.	0	1986
6	.94	24	1978	.00	0	1986	0.	0	1986
7	2.87	73	1978	.00	0	1986	0.	0	1986
8	2.14	54	1976	.00	0	1986	0.	0	1986
9	3.15	80	1976	.00	0	1986	0.	0	1986
10	.82	21	1960	.00	0	1986	0.	0	1986
11	1.05	27	1970	.00	0	1986	0.	0	1986
12	1.71	43	1955	.00	0	1986	0.	0	1986
13	1.07	27	1963	.00	0	1986	0.	0	1986
14	.33	8	1972	.00	0	1986	0.	0	1986
15	2.83	72	1973	.00	0	1986	0.	0	1986
16	.34	9	1966	.00	0	1986	0.	0	1986
17	1.28	33	1974	.00	0	1986	0.	0	1986
18	6.23	158	1955	.00	0	1986	0.	0	1986
19	5.65	144	1955	.00	0	1986	0.	0	1986
20	.35	9	1970	.00	0	1986	0.	0	1986
21	.73	19	1961	.00	0	1986	0.	0	1986
22	.32	8	1964	.00	0	1986	0.	0	1986
23	1.83	46	1955	.00	0	1986	0.	0	1986
24	.60	15	1959	.00	0	1986	0.	0	1986
25	1.16	29	1957	.00	0	1986	0.	0	1986
26	.84	21	1985	.00	0	1986	0.	0	1986
27	1.10	28	1955	.00	0	1986	0.	0	1986
28	.62	16	1962	.00	0	1986	0.	0	1986
29	1.93	49	1962	.00	0	1986	0.	0	1986
30	1.50	38	1975	.00	0	1986	0.	0	1986
31	.44	11	1983	.00	0	1986	0.	0	1986
MONTH	6.23	158	1955	.00	0	1986	0.	0	1986

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT

PERIOD OF RECORD : 1945-1986

MONTH : SEP

DAY	PRECIPITATION INCHES	MM	DATE	SNOWFALL INCHES	MM	DATE	SNOW DEPTH INCHES	MM	DATE
1	.50	13	1982	.00	0	1986	0.	0	1986
2	.81	21	1976	.00	0	1986	0.	0	1986
3	3.76	96	1972	.00	0	1986	0.	0	1986
4	3.55	90	1966	.00	0	1986	0.	0	1986
5	.08	2	1962	.00	0	1986	0.	0	1986
6	.87	22	1956	.00	0	1986	0.	0	1986
7	.84	21	1974	.00	0	1986	0.	0	1986
8	.59	15	1969	.00	0	1986	0.	0	1986
9	1.60	41	1969	.00	0	1986	0.	0	1986
10	.41	10	1977	.00	0	1986	0.	0	1986
11	.85	22	1968	.00	0	1986	0.	0	1986
12	3.05	77	1960	.00	0	1986	0.	0	1986
13	1.07	27	1965	.00	0	1986	0.	0	1986
14	1.12	28	1981	.00	0	1986	0.	0	1986
15	1.24	31	1961	.00	0	1986	0.	0	1986
16	.68	17	1958	.00	0	1986	0.	0	1986
17	1.64	42	1958	.00	0	1986	0.	0	1986
18	.98	25	1973	.00	0	1986	0.	0	1986
19	1.00	25	1972	.00	0	1986	0.	0	1986
20	3.27	83	1960	.00	0	1986	0.	0	1986
21	3.93	100	1961	.00	0	1986	0.	0	1986
22	1.28	33	1979	.00	0	1986	0.	0	1986
23	.98	25	1975	.00	0	1986	0.	0	1986
24	1.47	37	1975	.00	0	1986	0.	0	1986
25	3.02	77	1961	.00	0	1986	0.	0	1986
26	1.09	28	1977	.00	0	1986	0.	0	1986
27	1.78	45	1962	.00	0	1986	0.	0	1986
28	1.65	42	1956	.00	0	1986	0.	0	1986
29	2.67	68	1967	.00	0	1986	0.	0	1986
30	.15	4	1967	.00	0	1986	0.	0	1986
31									
MONTH	3.93	100	1961	.00	0	1986	0.	0	1986

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT

PERIOD OF RECORD : 1945-1986

MONTH : OCT

	PRECIPITATION			SNOWFALL			SNOW DEPTH		
DAY	INCHES	MM	DATE	INCHES	MM	DATE	INCHES	MM	DATE
1	1.27	32	1977	.00	0	1986	0.	0	1986
2	1.70	43	1984	.00	0	1986	0.	0	1986
3	1.97	50	1979	.00	0	1986	0.	0	1986
4	.98	25	1986	.00	0	1986	0.	0	1986
5	2.11	54	1962	.00	0	1986	0.	0	1986
6	2.80	71	1962	.00	0	1986	0.	0	1986
7	1.91	49	1962	T	T	1967	0.	0	1986
8	1.03	26	1957	.00	0	1986	0.	0	1986
9	2.44	62	1976	.00	0	1986	0.	0	1986
10	2.25	57	1971	3.50	89	1979	0.	0	1986
11	.58	15	1980	.00	0	1986	0.	0	1986
12	.86	22	1975	.00	0	1986	0.	0	1986
13	.90	23	1983	.00	0	1986	0.	0	1986
14	1.28	33	1978	.00	0	1986	0.	0	1986
15	2.35	60	1955	T	T	1961	0.	0	1986
16	2.46	62	1974	.00	0	1986	0.	0	1986
17	.83	21	1964	T	T	1976	0.	0	1986
18	2.01	51	1975	T	T	1972	0.	0	1986
19	1.71	43	1966	T	T	1972	0.	0	1986
20	1.37	35	1976	.00	0	1986	0.	0	1986
21	.55	14	1976	.00	0	1986	0.	0	1986
22	.45	11	1984	T	T	1969	0.	0	1986
23	2.10	53	1956	T	T	1969	0.	0	1986
24	1.14	29	1945	T	T	1960	0.	0	1986
25	2.22	56	1980	T	T	1960	T	T	1960
26	.72	18	1958	T	T	1962	0.	0	1986
27	.55	14	1986	T	T	1957	0.	0	1986
28	.43	11	1958	.00	0	1986	0.	0	1986
29	1.32	34	1963	.00	0	1986	0.	0	1986
30	1.15	29	1973	.80	20	1975	T	T	1963
31	1.02	26	1955	.00	0	1986	0.	0	1986
MONTH	2.80	71	1962	3.50	89	1979	T	T	1963

NOTES :
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+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT

PERIOD OF RECORD : 1945-1986

MONTH : NOV

	PRECIPITATION			SNOWFALL			SNOW DEPTH		
DAY	INCHES	MM	DATE	INCHES	MM	DATE	INCHES	MM	DATE
1	1.82	46	1957	.00	0	1986	0.	0	1986
2	1.78	45	1970	T	T	1965	0.	0	1986
3	2.05	52	1979	.00	0	1986	0.	0	1986
4	2.13	54	1955	.00	0	1986	0.	0	1986
5	2.80	71	1955	T	T	1966	0.	0	1986
6	1.26	32	1966	T	T	1976	0.	0	1986
7	1.72	44	1963	T	T	1971	0.	0	1986
8	1.55	39	1972	T	T	1977	0.	0	1986
9	.81	21	1972	T	T	1967	0.	0	1986
10	1.53	39	1969	T	T	1980	0.	0	1986
11	1.09	28	1985	T	T	1986	0.	0	1986
12	1.86	47	1968	T	T	1980	0.	0	1986
13	1.59	40	1975	.40	10	1984	T	T	1984
14	1.53	39	1972	T	T	1984	T	T	1984
15	1.19	30	1981	1.40	36	1967	1.	25	1972
16	2.39	61	1983	T	T	1985	1.	25	1967
17	.34	9	1985+	.30	8	1980	1.	25	1967
18	1.20	30	1980	2.20	56	1980	1.	25	1980
19	.55	14	1957	2.80	71	1986	2.	51	1986
20	1.18	30	1972	.10	3	1961	2.	51	1986
21	1.03	26	1986	4.70	119	1978	1.	25	1961
22	.84	21	1945	2.50	64	1971	3.	76	1978
23	.64	16	1967	T	T	1978	3.	76	1978
24	.98	25	1959	2.00	51	1975	2.	51	1971
25	3.10	79	1983	.40	10	1974	1.	25	1975
26	1.51	38	1964	1.60	41	1974	2.	51	1974
27	.85	22	1975	3.00	76	1978	2.	51	1974
28	.86	22	1980	.40	10	1977	1.	25	1978
29	2.66	68	1945	T	T	1977	1.	25	1978
30	2.63	67	1945	22.70	577	1945	T	T	1974
31									
MONTH	3.10	79	1983	22.70	577	1945	3.	76	1978

NOTES :
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THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

MONTH : DEC

	PRECIPITATION			SNOWFALL			SNOW DEPTH		
DAY	INCHES	MM	DATE	INCHES	MM	DATE	INCHES	MM	DATE
1	1.07	27	1977	1.00	25	1969	T	T	1974
2	1.55	39	1974	T	T	1983	1.	25	1969
3	1.59	40	1967	1.80	46	1978	1.	25	1969
4	1.52	39	1968	2.00	51	1972	T	T	1976
5	1.44	37	1962	5.00	127	1981	T	T	1976
6	2.58	66	1945	7.10	180	1981	10.	254	1981
7	2.04	52	1945	.50	13	1954	9.	229	1981
8	1.41	36	1969	T	T	1981	8.	203	1981
9	1.56	40	1978	3.00	76	1956	7.	178	1981
10	1.35	34	1957	.50	13	1978	7.	178	1981
11	.80	20	1969	4.00	102	1986	6.	152	1981
12	1.42	36	1960	14.00	356	1960	6.	152	1981
13	1.11	28	1983	2.00	51	1977	14.	356	1960
14	1.49	38	1956	2.80	71	1981	14.	356	1960
15	1.99	51	1981	2.00	51	1972	14.	356	1960
16	1.53	39	1960	2.60	66	1980	9.	229	1960
17	2.69	68	1973	4.00	102	1976	9.	229	1970
18	.71	18	1986	4.00	102	1982	4.	102	1960
19	1.80	46	1986	3.20	81	1982	6.	152	1969
20	.37	9	1964	3.70	94	1964	6.	152	1982
21	1.74	44	1977	10.00	254	1975	7.	178	1975
22	1.78	45	1969	5.10	130	1975	15.	381	1975
23	.99	25	1956	6.80	173	1970	13.	330	1975
24	.94	24	1970	3.00	76	1963	12.	305	1975
25	1.00	25	1986	4.10	104	1974	12.	305	1975
26	2.64	67	1969	5.10	130	1969	12.	305	1970
27	1.14	29	1964	2.60	66	1963	14.	356	1970
28	1.67	42	1967	4.50	114	1967	13.	330	1970
29	1.30	33	1976	12.00	305	1976	12.	305	1970
30	.65	17	1971	4.00	102	1971	13.	330	1976
31	.62	16	1972	3.40	86	1969	13.	330	1976
MONTH	2.69	68	1973	14.00	356	1960	15.	381	1975

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
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THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

PRECIPITATION (INCHES)
(FROM DAILY OBS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	T	T	T	T	T	T	T	T	T	T
1946	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1947	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1948	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1949	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1950	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1951	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1952	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1953	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1954	MISS	MISS	T	T	T	T	T	T	MISS	MISS	MISS	MISS	MISS
1955	.55	2.04	.84	1.09	.52	1.07	1.95	6.23	1.25	2.35	2.80	.69	6.23
1956	1.42	.85	1.30	1.12	.61	PART	1.15	PART	1.65	2.10	1.10	1.49	PART
1957	.97	.37	1.35	1.73	1.02	.33	.31	1.16	.25	1.03	1.82	1.35	1.82
1958	2.65	2.10	1.26	1.32	.72	.40	.98	PART	1.64	1.02	1.05	1.04	PART
1959	.72	.79	1.03	.89	.83	1.59	1.00	.82	.36	1.64	.98	1.00	1.64
1960	1.05	1.55	1.06	1.35	.71	.62	2.07	.90	3.27	.81	.84	1.53	3.27
1961	1.48	2.11	.90	1.24	1.51	.60	.80	1.40	3.93	1.71	.93	PART	MISS
1962	PART	.70	1.09	2.56	.37	.63	.84	1.93	1.78	2.80	1.24	1.44	PART
1963	1.26	1.18	.92	1.15	1.20	.75	.96	1.07	PART	1.32	1.72	PART	MISS
1964	1.35	1.23	PART	1.43	.20	.33	.91	.38	.77	.83	1.51	1.14	PART
1965	1.31	1.91	.43	.82	.32	1.07	1.01	.51	1.07	.94	.61	.86	1.91
1966	1.31	1.47	.59	.46	1.60	1.10	1.14	.71	3.55	1.71	1.44	.83	3.55
1967	.94	1.25	1.92	.68	2.92	1.53	.80	.86	2.67	.45	.64	1.67	2.92
1968	.92	1.07	3.88	.78	1.29	1.14	.38	1.29	.85	1.10	1.86	1.52	3.88
1969	.59	1.12	2.14	1.26	1.15	.69	.96	.67	1.60	1.09	1.53	2.64	2.64
1970	.78	2.67	.84	2.10	.87	.99	.50	1.05	.49	1.73	1.78	2.47	2.67
1971	.66	1.22	1.13	1.19	1.08	.58	1.01	.72	.59	2.25	1.84	.65	2.25
1972	.49	2.11	1.74	.80	1.23	.86	.66	.42	3.76	.96	1.55	1.29	3.76
1973	.96	2.20	.65	.92	1.33	1.54	.68	2.83	.98	1.15	.64	2.69	2.83
1974	.71	.80	2.03	.88	.76	1.51	.64	1.28	1.69	2.46	.75	1.55	2.46
1975	1.25	1.29	.93	1.82	.74	1.14	1.28	1.55	1.47	2.01	1.59	1.03	2.01
1976	1.30	.95	.53	.77	.52	.42	1.24	3.15	.81	2.44	.29	1.30	3.15
1977	1.54	.66	1.44	1.36	2.03	1.58	.64	.76	1.09	1.27	.88	1.74	2.03
1978	1.75	1.66	.90	.90	1.59	.36	1.51	2.87	PART	1.28	.64	1.56	PART
1979	2.38	1.85	1.44	1.55	1.20	.25	.69	1.55	1.28	1.97	2.05	.45	2.38
1980	.38	.42	1.34	1.82	.28	.48	1.14	.44	.25	2.22	1.20	.38	2.22
1981	.46	1.66	.29	.87	.83	.77	1.06	.90	1.12	.74	2.33	1.99	2.33
1982	2.17	.56	.52	1.20	.79	2.41	1.68	.82	.61	1.59	1.46	.60	2.41
1983	1.52	1.60	2.33	2.16	1.15	.67	.32	1.49	1.20	1.01	3.10	1.36	3.10
1984	.59	1.50	1.47	1.31	2.88	1.50	1.06	.29	.48	1.70	.37	.84	2.88
1985	.45	3.10	1.51	.49	1.00	.62	.59	.84	.95	.97	2.11	.30	3.10
1986	1.16	.85	1.36	.50	.76	2.30	1.79	2.31	.52	.98	1.03	1.80	2.31
MEAN	1.13	1.40	1.22	1.13	1.00	.90	.93	1.29	1.35	1.44	1.32	1.26	2.79
S.D.	.568	.657	.725	.566	.668	.590	.489	1.194	1.052	.650	.703	.654	.932
TOT OBS	31	32	32	34	34	33	34	32	31	33	33	31	25

NOTE :
T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

23 - EXTREME VALUES

PRECIPITATION (INCHES)
(FROM DAILY OBS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1956						1.19		.71					PRECIP
						29		30					# DAYS
1958								.95					PRECIP
								29					# DAYS
1961												.77	PRECIP
												27	# DAYS
1962	1.78												PRECIP
	30												# DAYS
1963									1.15			.62	PRECIP
									28			30	# DAYS
1964			.59										PRECIP
			29										# DAYS
1978									.48				PRECIP
									29				# DAYS

SNOWFALL (INCHES)
(FROM DAILY OBS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	T	.0	MISS
1946	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1947	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1948	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1949	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1950	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1951	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1952	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1953	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1954	MISS	MISS	.0	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1955	1.0	5.0	3.4	.3	.0	.0	.0	.0	.0	.0	1.0	1.9	5.0
1956	8.2	5.0	13.0	8.0	.0	.0	.0	.0	.0	.0	T	6.0	13.0
1957	9.7	2.0	10.2	1.0	.0	.0	.0	.0	.0	T	.2	.2	10.2
1958	4.0	2.0	5.0	5.3	.0	.0	.0	.0	.0	.0	T	5.0	5.3
1959	1.0	5.0	6.0	.0	.0	.0	.0	.0	.0	.0	T	3.4	6.0
1960	3.8	1.4	10.3	T	.0	.0	.0	.0	.0	T	.0	14.0	14.0
1961	15.2	1.9	2.3	T	.0	.0	.0	.0	.0	T	.1	PART	MISS
1962	3.4	7.0	.2	.2	.0	.0	.0	.0	.0	T	.8	3.4	7.0
1963	5.2	PART	4.0	T	.0	.0	.0	.0	.0	.3	T	PART	MISS
1964	9.0	11.9	PART	T	.0	.0	.0	.0	.0	.0	T	3.7	PART
1965	12.2	1.8	2.0	.7	.0	.0	.0	.0	.0	.0	T	.2	12.2
1966	10.5	8.0	2.6	T	.0	.0	.0	.0	.0	.0	T	3.1	10.5
1967	1.1	11.1	6.1	3.4	T	.0	.0	.0	.0	T	1.4	4.5	11.1
1968	7.1	.6	2.0	.0	.0	.0	.0	.0	.0	.0	T	1.4	7.1
1969	.2	11.0	9.0	.0	.0	.0	.0	.0	.0	T	T	5.1	11.0
1970	7.8	5.6	8.4	T	.0	.0	.0	.0	.0	T	T	6.8	8.4
1971	6.6	3.7	2.5	1.0	.0	.0	.0	.0	.0	.0	2.5	4.0	6.6
1972	1.8	5.0	6.0	.8	.0	.0	.0	.0	.0	T	1.0	2.0	6.0
1973	2.0	6.3	2.0	T	.0	.0	.0	.0	.0	.0	.0	T	6.3
1974	7.1	6.0	T	1.4	.0	.0	.0	.0	.0	.0	1.6	4.1	7.1
1975	3.5	8.5	1.3	2.0	.0	.0	.0	.0	.0	.8	2.0	10.0	10.0
1976	9.4	1.8	3.1	T	.0	.0	.0	.0	.0	T	T	12.0	12.0
1977	13.0	3.1	4.3	T	T	.0	.0	.0	.0	.0	.4	3.4	13.0
1978	14.0	16.6	9.0	T	.0	.0	.0	.0	.0	.0	4.7	2.0	16.6
1979	3.0	3.2	T	1.0	.0	.0	.0	.0	.0	3.5	.0	2.2	3.5
1980	T	2.0	2.3	.0	.0	.0	.0	.0	.0	.0	2.2	2.6	2.6
1981	5.6	3.5	.6	.0	.0	.0	.0	.0	.0	.0	T	7.1	7.1
1982	5.7	3.8	1.1	12.0	.0	.0	.0	.0	.0	.0	.0	5.7	12.0
1983	2.2	16.0	T	T	.0	.0	.0	.0	.0	.0	T	3.0	16.0
1984	5.3	T	6.0	T	.0	.0	.0	.0	.0	.0	.4	.4	6.0
1985	4.1	6.2	1.0	1.4	.0	.0	.0	.0	.0	.0	.9	1.0	6.2
1986	.4	3.6	1.9	T	T	.0	.0	.0	.0	.0	2.8	4.0	4.0
MEAN	5.7	5.4	3.9	1.2	.0	.0	.0	.0	.0	.1	.7	3.9	8.8
S.D.	4.242	4.198	3.538	2.624	.000	.000	.000	.000	.000	.630	1.100	3.351	3.747
TOT OBS	32	31	32	32	32	32	32	32	32	32	33	31	29

24 - EXTREME VALUES

SNOWFALL (INCHES)
(FROM DAILY OBS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1961												1.0	SNOWFALL
												29	# DAYS
1963		4.7										3.0	SNOWFALL
		27										30	# DAYS
1964			2.0										SNOWFALL
			29										# DAYS

25 - EXTREME VALUES

SNOW DEPTH (INCHES)
(FROM DAILY OBS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1954	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	0.	MISS
1955	1.	5.	3.	T	0.	0.	0.	0.	0.	0.	2.	1.	5.
1956	8.	4.	20.	3.	0.	0.	0.	0.	0.	0.	T	5.	20.
1957	13.	4.	8.	0.	0.	0.	0.	0.	0.	0.	T	T	13.
1958	10.	21.	4.	0.	0.	0.	0.	0.	0.	0.	0.	5.	21.
1959	1.	6.	7.	0.	0.	0.	0.	0.	0.	0.	T	3.	7.
1960	7.	1.	19.	0.	0.	0.	0.	0.	0.	T	0.	14.	19.
1961	16.	27.	2.	T	0.	0.	0.	0.	0.	0.	1.	6.	27.
1962	3.	13.	5.	T	0.	0.	0.	0.	0.	0.	1.	3.	13.
1963	5.	3.	6.	0.	0.	0.	0.	0.	0.	T	0.	11.	11.
1964	11.	18.	4.	0.	0.	0.	0.	0.	0.	0.	0.	4.	18.
1965	19.	4.	2.	T	0.	0.	0.	0.	0.	0.	0.	T	19.
1966	14.	16.	3.	0.	0.	0.	0.	0.	0.	0.	0.	5.	16.
1967	1.	11.	9.	3.	0.	0.	0.	0.	0.	0.	1.	4.	11.
1968	13.	1.	3.	0.	0.	0.	0.	0.	0.	0.	0.	2.	13.
1969	T	28.	36.	0.	0.	0.	0.	0.	0.	0.	0.	6.	36.
1970	13.	4.	8.	11.	0.	0.	0.	0.	0.	0.	0.	14.	14.
1971	19.	3.	2.	1.	0.	0.	0.	0.	0.	0.	3.	5.	19.
1972	4.	8.	7.	T	0.	0.	0.	0.	0.	0.	1.	2.	8.
1973	2.	6.	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.
1974	14.	6.	0.	T	0.	0.	0.	0.	0.	0.	2.	4.	14.
1975	3.	13.	1.	1.	0.	0.	0.	0.	0.	0.	1.	15.	15.
1976	13.	2.	4.	0.	0.	0.	0.	0.	0.	0.	0.	13.	13.
1977	19.	10.	5.	0.	0.	0.	0.	0.	0.	0.	T	2.	19.
1978	16.	31.	18.	0.	0.	0.	0.	0.	0.	0.	3.	3.	31.
1979	3.	4.	0.	1.	0.	0.	0.	0.	0.	0.	0.	3.	4.
1980	T	2.	1.	0.	0.	0.	0.	0.	0.	0.	1.	2.	2.
1981	7.	2.	T	0.	0.	0.	0.	0.	0.	0.	0.	10.	10.
1982	11.	4.	1.	13.	0.	0.	0.	0.	0.	0.	0.	6.	13.
1983	1.	20.	T	0.	0.	0.	0.	0.	0.	0.	0.	1.	20.
1984	16.	3.	6.	3.	0.	0.	0.	0.	0.	0.	T	T	16.
1985	4.	PART	T	1.	0.	PART	0.	0.	0.	0.	T	1.	PART
1986	T	PART	2.	0.	PART	0.	0.	0.	0.	0.	2.	4.	PART
MEAN	8.3	9.3	5.9	1.2	.0	.0	.0	.0	.0	.0	.6	4.7	15.1
S.D.	6.444	8.660	7.627	2.996	.000	.000	.000	.000	.000	.000	.914	4.385	7.577
TOT OBS	32	30	32	32	31	31	32	32	32	32	32	33	30

NOTE :
T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

25 - EXTREME VALUES

SNOW DEPTH (INCHES)
(FROM DAILY OBS)

01479D SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1985		10.				0.							SNO DEPTH
		27				29							# DAYS
1986		3.			0.								SNO DEPTH
		27			30								# DAYS

27 - EXTREME VALUES

DAILY PEAK GUST (KNOTS)
(FROM DAILY OBS)

014790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1949	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS
1950	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS
1951	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS
1952	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS
1953	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS
1954	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	PART\	S 41\	MISS
1955	WNW 44\	S 51\	WNW 42\	NNE 45\	SSW 35\	NE 31\	PART\	PART\	PART\	PART\	W 42\	WNW 40\	PART
1956	PART\	W 44\	PART\	SSW 50\	WNW 43\	PART\	WNW 31\	NNE 28\	NNE 35\	NNE 40\	SSW 51\	WNW 46\	PART
1957	WNW 44\	WNW 34\	NW 41\	MISS\	NNE 36\	WNW 39\	WNW 35\	SSW 27\	NNW 34\	NW 36\	SSW 44\	SSE 54\	PART
1958	PART\	PART\	PART\	NNW 43\	SW 35\	WNW 35\	WNW 32\	NNE 32\	SSW 31\	NNE 36\	SSE 51\	PART\	MISS
1959	WNW 51\	WNW 60\	SSW 52\	SSE 44\	WSW 32\	NNW 32\	NNW 32\	SSW 24\	SSW 26\	SW 37\	S 44\	SSW 44\	WNW 60
1960	WSW 51\	SSW 41\	NNE 47\	WNW 36\	S 30\	NNW 34\	S 29\	SW 24\	PART\	WNW 38\	SW 37\	NNE 51\	PART
1961	NNE 51\	NNE 46\	E 34\	NW 40\	SSW 36\	W 28\	SSW 22\	SSW 31\	SSW 42\	NE 33\	N 38\	WNW 39\	NNE 51
1962	SSW 44\	NE 36\	ENE 44\	WNW 45\	NW 35\	N 25\	SSW 25\	NNE 37\	E 35\	SW 31\	N 40\	NW 48\	NW 48
1963	WSW 40\	NNW 41\	SSW 46\	W 48\	SSW 34\	WSW 29\	PART\	NW 36\	NE 32\	N 41\	PART\	W 34\	PART
1964	N 46\	N 52\	SSW 44\	SW 31\	W 31\	NNW 32\	PART\	VAR 29\	SSW 35\	WNW 35\	N 36\	PART\	MISS
1965	NNW 38\	S 38\	NW 40\	S 31\	N 30\	NW 35\	SSW 30\	NW 34\	SSW 31\	WNW 36\	WNW 40\	N 35\	NW 40
1966	SW 41\	NNE 35\	W 44\	WNW 31\	SW 34\	SW 25\	PART\	WNW 30\	PART\	NW 36\	MISS\	MISS\	MISS
1967	MISS\	MISS\	MISS\	NE 44\	UNK 46\	NE 32\	WSW 25\	SW 26\	NW 28\	SW 39\	NW 34\	NNE 38\	PART
1968	NW 40\	NE 41\	NW 43\	S 41\	NE 39\	NW 28\	SW 23\	NNW 27\	SE 27\	N 36\	NNE 47\	NW 39\	NNE 47
1969	WNW 47\	NE 54\	NE 40\	SSW 34\	SW 37\	SW 27\	SW 25\	NNW 29\	NE 27\	NW 30\	SSW 27\	S 33\	NE 54
1970	SSW 30\	S 45\	NNE 38\	SSW 51\	SSW 32\	SW 28\	SW 26\	WNW 30\	NW 26\	SSW 31\	W 36\	NW 32\	SSW 51
1971	W 33\	W 32\	SSW 41\	NNE 34\	W 29\	N 29\	SSW 26\	S 47\	NW 25\	SSW 27\	WNW 33\	NW 51\	NW 51
1972	W 40\	S 40\	SSW 36\	N 30\	NNE 32\	SSE 27\	NNW 51\	SW 24\	N 43\	W 33\	S 45\	SSE 42\	NNW 51
1973	NW 38\	S 36\	NNE 40\	WSW 36\	WSW 29\	W 47\	SSW 24\	W 36\	SW 29\	W 32\	PART\	SSE 41\	PART
1974	WNW 50\	W 46\	SSW 53\	W 33\	S 37\	ENE 32\	WNW 25\	SSW 26\	SSE 29\	SSW 30\	NW 35\	E 37\	SSW 53
1975	W 41\	SSW 42\	WNW 39\	ESE 43\	S 26\	S 29\	S 29\	N 29\	SSW 32\	NW 28\	SSW 32\	W 37\	ESE 43
1976	W 47\	WSW 48\	SSW 46\	W 33\	WSW 40\	NNW 31\	NW 33\	SSE 43\	S 24\	S 38\	WNW 32\	W 42\	WSW 48
1977	NW 44\	WSW 37\	E 47\	W 42\	N 39\	N 33\	NW 30\	WNW 22\	S 28\	SSE 32\	WSW 35\	W 32\	E 47
1978	SSE 51\	NNE 54\	S 36\	W 38\	NNW 29\	W 27\	NNE 24\	W 22\	NNW 28\	W 23\	S 28\	W 42\	NNE 54
1979	ENE 41\	W 34\	SSW 35\	SW 50\	WNW 24\	W 23\	S 22\	W 39\	SSE 45\	SSW 32\	SSE 35\	W 41\	SW 50
1980	SSW 43\	NE 29\	E 40\	S 32\	WNW 29\	WNW 27\	PART\	N 29\	W 28\	ESE 40\	NW 33\	WNW 40\	PART
1981	PART\	S 45\	WNW 33\	NW 31\	NNE 33\	PART\	N 26\	NE 25\	W 32\	S 29\	N 31\	NNW 41\	PART
1982	S 38\	NW 34\	W 39\	WNW 41\	NW 35\	NNE 35\	PART\	W 25\	NNE 22\	NNE 33\	SSW 44\	W 35\	PART
1983	S 37\	N 37\	NW 33\	PART\	PART\	S 23\	NNW 35\	PART\	SSW 27\	PART\	PART\	SSW 47\	PART
1984	PART\	WNW 36\	NE 48\	SSE 29\	SSW 29\	PART\	MISS\	PART\	PART\	NW 31\	WSW 32\	WNW 26\	PART
1985	PART\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	MISS
1986	MISS\	MISS\	MISS\	MISS\	MISS\	MISS\	PART\	PART\	MISS\	MISS\	MISS\	MISS\	MISS
MEAN	42.8	41.7	41.5	38.8	33.7	30.5	28.7	30.0	30.8	33.7	37.8	40.3	49.9
S.D.	5.657	7.630	5.352	6.844	4.930	5.117	6.284	6.279	5.755	4.347	6.568	6.382	4.779
TOT OBS	25	28	27	28	29	27	23	27	26	28	26	28	15

27 - EXTREME VALUES

DAILY PEAK GUST (KNOTS)
(FROM DAILY OBS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1954											UNK 39		PEAK GUST
											23		# DAYS
1955							NW 31	N 43	S 29	S 43			PEAK GUST
							30	29	24	30			# DAYS
1956	NE 48		N 62			NW 52							PEAK GUST
	29		29			29							# DAYS
1958	NNW 48	ENE 47	NE 46								WNW 34		PEAK GUST
	30	26	30									29	# DAYS
1960								WNW 61					PEAK GUST
								29					# DAYS
1963							NW 28				S 46		PEAK GUST
							30				29		# DAYS
1964							N 30				NNW 44		PEAK GUST
							28					30	# DAYS
1966							NW 38		NW 32				PEAK GUST
							28		28				# DAYS
1973											WNW 33		PEAK GUST
											28		# DAYS
1980							NNW 31						PEAK GUST
							30						# DAYS
1981	W 32					NW 34							PEAK GUST
	30					29							# DAYS
1982							WNW 29						PEAK GUST
							30						# DAYS
1983				E 35	SSW 29			W 29		W 31	W 42		PEAK GUST
				26	30			30		30	29		# DAYS
1984	WNW 30					NNE 29		N 17	WSW 27				PEAK GUST
	30					21		30	28				# DAYS
1985	WNW 27												PEAK GUST
	24												# DAYS

29 - DAILY AVERAGE/EXTREME TEMPERATURES

U14790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH :JAN

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	29.6	-1.3	38.1	3.4	63.0	17.2	1973.	21.2	-6.0	-10.0	-23.3	1964.
2	28.6	-1.9	36.1	2.3	59.0	15.0	1979.	21.1	-6.1	-3.0	-19.4	1968.
3	28.2	-2.1	35.9	2.2	57.0	13.9	1979.	20.5	-6.4	1.0	-17.2	1970.
4	27.4	-2.6	34.5	1.4	55.0	12.8	1982.	20.3	-6.5	-6.0	-21.1	1981.
5	26.5	-3.1	34.1	1.2	49.0	9.4	1971.	18.8	-7.3	-7.0	-21.7	1981.
6	26.3	-3.2	34.4	1.4	47.0	8.3	1961.	18.1	-7.7	.0	-17.8	1959.
7	29.5	-1.4	37.3	3.0	54.0	12.2	1979.	21.6	-5.8	3.0	-16.1	1968.
8	26.5	-3.1	34.8	1.6	55.0	12.8	1979.	18.2	-7.7	-7.0	-21.7	1968.
9	24.4	-4.2	32.5	.3	58.0	14.4	1978.	16.3	-8.7	-7.0	-21.7	1968.
10	25.6	-3.6	33.1	.6	54.0	12.2	1972.	18.1	-7.7	-2.0	-18.9	1982.+
11	24.6	-4.1	32.6	.3	58.0	14.4	1980.+	16.7	-8.5	-5.0	-20.6	1968.
12	23.7	-4.6	32.3	.2	58.0	14.4	1980.	15.0	-9.4	-15.0	-26.1	1981.
13	25.1	-3.8	33.5	.8	58.0	14.4	1972.	16.8	-8.5	-1.0	-18.3	1968.
14	25.7	-3.5	34.8	1.6	56.0	13.3	1972.	16.5	-8.6	-7.0	-21.7	1957.
15	26.0	-3.3	33.2	.7	57.0	13.9	1962.	18.8	-7.3	-12.0	-24.4	1957.
16	23.9	-4.5	31.8	-.1	51.0	10.6	1959.	16.0	-8.9	2.0	-16.7	1966.
17	23.3	-4.8	32.6	.3	51.0	10.6	1973.	14.1	-10.0	-6.0	-21.1	1971.
18	22.9	-5.1	32.2	.1	60.0	15.6	1986.	13.6	-10.2	-6.0	-21.1	1982.
19	24.8	-4.0	33.4	.8	57.0	13.9	1972.	16.1	-8.9	-9.0	-22.8	1971.
20	26.1	-3.3	34.2	1.2	56.0	13.3	1963.	18.1	-7.7	.0	-17.8	1983.+
21	26.7	-3.0	34.7	1.5	57.0	13.9	1979.	18.6	-7.4	-2.0	-18.9	1961.
22	28.5	-1.9	38.2	3.4	59.0	15.0	1959.	18.9	-7.3	-8.0	-22.2	1984.+
23	29.8	-1.2	39.8	4.3	62.0	16.7	1973.	19.9	-6.7	-12.0	-24.4	1970.
24	28.3	-2.1	36.5	2.5	61.0	16.1	1967.	20.1	-6.6	-10.0	-23.3	1961.
25	30.3	-1.0	37.7	3.2	56.0	13.3	1972.	22.8	-5.1	-1.0	-18.3	1961.
26	31.1	-.5	38.5	3.6	57.0	13.9	1967.	23.7	-4.6	-4.0	-20.0	1961.
27	30.2	-1.0	38.4	3.6	62.0	16.7	1974.	21.9	-5.6	3.0	-16.1	1982.
28	25.7	-3.5	33.9	1.1	58.0	14.4	1976.	17.5	-8.1	-2.0	-18.9	1961.
29	25.5	-3.6	32.7	.4	49.0	9.4	1970.	18.3	-7.6	2.0	-16.7	1963.
30	27.0	-2.8	34.8	1.6	54.0	12.2	1959.	19.1	-7.2	3.0	-16.1	1965.
31	24.8	-4.0	32.4	.2	53.0	11.7	1974.	17.2	-8.2	3.0	-16.1	1962.
MONTH	26.7	-3.0	34.8	1.6	63.0	17.2	1973.	18.5	-7.5	-15.0	-26.1	1981.

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH :FEB

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	24.6	-4.1	32.2	.1	50.0	10.0	1982.	16.9	-8.4	-3.0	-19.4	1961.
2	26.6	-3.0	35.1	1.7	56.0	13.3	1970.	18.1	-7.7	-10.0	-23.3	1961.
3	27.0	-2.8	36.1	2.3	59.0	15.0	1970.	18.0	-7.8	-3.0	-19.4	1961.
4	26.5	-3.0	35.1	1.7	52.0	11.1	1982.+	18.0	-7.8	1.0	-17.2	1971.
5	26.4	-3.1	33.4	.8	56.0	13.3	1962.	19.4	-7.0	3.0	-16.1	1965.
6	26.9	-2.8	35.5	1.9	51.0	10.6	1960.	18.3	-7.6	4.0	-15.6	1981.
7	26.6	-3.0	34.0	1.1	50.0	10.0	1955.	19.2	-7.1	1.0	-17.2	1966.
8	25.8	-3.4	34.3	1.3	55.0	12.8	1965.	17.4	-8.1	-6.0	-21.1	1963.
9	25.9	-3.4	35.3	1.8	49.0	9.4	1970.+	16.5	-8.6	2.0	-16.7	1959.
10	26.3	-3.2	34.6	1.4	51.0	10.6	1955.	18.0	-7.8	-3.0	-19.4	1979.
11	27.8	-2.3	36.0	2.2	61.0	16.1	1981.	19.7	-6.9	-3.0	-19.4	1979.
12	26.1	-3.3	34.7	1.5	56.0	13.3	1984.+	17.4	-8.1	-4.0	-20.0	1979.
13	27.0	-2.8	36.3	2.4	58.0	14.4	1984.	17.8	-7.9	-4.0	-20.0	1967.
14	27.6	-2.5	36.9	2.7	52.0	11.1	1984.	18.3	-7.6	-1.0	-18.3	1979.
15	29.8	-1.2	38.4	3.6	60.0	15.6	1984.	21.1	-6.0	6.0	-14.4	1979.
16	28.7	-1.9	37.0	2.8	56.0	13.3	1967.	20.3	-6.5	2.0	-16.7	1963.
17	27.5	-2.5	35.4	1.9	62.0	16.7	1981.	19.7	-6.8	1.0	-17.2	1979.+
18	29.7	-1.3	36.9	2.7	67.0	19.4	1981.	22.4	-5.3	-4.0	-20.0	1958.
19	31.4	-.3	40.0	4.5	65.0	18.3	1981.	22.8	-5.1	2.0	-16.7	1979.+
20	30.5	-.8	38.1	3.4	62.0	16.7	1981.	22.9	-5.0	-2.0	-18.9	1966.
21	30.3	-.9	38.8	3.8	54.0	12.2	1981.	21.8	-5.7	.0	-17.8	1968.+
22	31.3	-.4	40.0	4.4	59.0	15.0	1974.	22.6	-5.2	2.0	-16.7	1968.+
23	30.9	-.6	38.2	3.5	61.0	16.1	1984.	23.5	-4.7	-2.0	-18.9	1972.
24	32.1	.1	39.8	4.3	68.0	20.0	1985.	24.5	-4.2	6.0	-14.4	1965.
25	33.0	.6	40.8	4.9	63.0	17.2	1976.	25.2	-3.8	9.0	-12.8	1959.
26	32.1	.0	40.0	4.4	68.0	20.0	1957.	24.2	-4.4	6.0	-14.4	1970.
27	31.7	-.2	40.7	4.8	62.0	16.7	1957.	22.7	-5.2	7.0	-13.9	1967.
28	33.1	.6	41.5	5.3	62.0	16.7	1976.	24.8	-4.0	4.0	-15.6	1964.
MONTH	28.7	-1.8	37.0	2.8	68.0	20.0	1985.+	20.4	-6.4	-10.0	-23.3	1961.

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH :MAR

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	32.8	.4	41.3	5.1	64.0	17.8	1972.	24.3	-4.3	2.0	-16.7	1980.
2	33.8	1.0	40.8	4.9	59.0	15.0	1985.	26.8	-2.9	4.0	-15.6	1962.
3	33.5	.9	41.5	5.3	60.0	15.6	1972.	25.6	-3.6	2.0	-16.7	1962.
4	33.8	1.0	42.9	6.1	68.0	20.0	1974.	24.8	-4.0	6.0	-14.4	1968.
5	36.0	2.2	43.2	6.2	69.0	20.6	1979.	28.9	-1.7	12.0	-11.1	1978.
6	35.5	2.0	42.6	5.9	61.0	16.1	1974.	28.4	-2.0	10.0	-12.2	1969.
7	34.6	1.4	41.9	5.5	67.0	19.4	1974.	27.2	-2.7	13.0	-10.6	1986.+
8	32.9	.5	40.6	4.8	60.0	15.6	1973.	25.1	-3.8	6.0	-14.4	1986.
9	33.7	1.0	41.8	5.4	60.0	15.6	1977.	25.7	-3.5	11.0	-11.7	1978.
10	34.4	1.3	42.6	5.9	64.0	17.8	1977.	26.2	-3.2	7.0	-13.9	1984.+
11	35.9	2.2	45.1	7.3	68.0	20.0	1967.	26.7	-3.0	9.0	-12.8	1960.
12	35.9	2.2	43.1	6.1	64.0	17.8	1977.+	28.8	-1.8	10.0	-12.2	1984.
13	36.7	2.6	43.9	6.6	61.0	16.1	1957.	29.4	-1.4	12.0	-11.1	1980.
14	37.3	2.9	43.9	6.6	59.0	15.0	1983.	30.7	-.7	17.0	-8.3	1968.
15	37.0	2.8	44.8	7.1	58.0	14.4	1986.+	29.3	-1.5	13.0	-10.6	1968.
16	37.0	2.8	45.7	7.6	63.0	17.2	1973.	28.3	-2.1	14.0	-10.0	1979.
17	36.2	2.3	44.2	6.8	62.0	16.7	1968.	28.2	-2.1	13.0	-10.6	1967.
18	34.6	1.5	42.1	5.6	65.0	18.3	1966.	27.2	-2.7	6.0	-14.4	1967.
19	36.9	2.7	45.3	7.4	65.0	18.3	1966.	28.5	-2.0	3.0	-16.1	1967.
20	38.9	3.8	47.8	8.8	70.0	21.1	1959.	30.0	-1.1	15.0	-9.4	1967.
21	37.7	3.2	45.3	7.4	67.0	19.4	1959.	30.0	-1.1	11.0	-11.7	1986.
22	37.3	2.9	45.6	7.6	65.0	18.3	1979.	28.9	-1.7	16.0	-8.9	1960.
23	39.2	4.0	48.5	9.1	73.0	22.8	1979.	30.0	-1.1	18.0	-7.8	1959.
24	39.2	4.0	48.0	9.4	65.0	18.3	1979.	29.5	-1.4	20.0	-6.7	1956.
25	40.0	4.4	49.3	9.6	75.0	23.9	1963.	30.7	-.7	13.0	-10.6	1956.
26	40.1	4.5	48.9	9.4	70.0	21.1	1986.+	31.2	-.4	11.0	-11.7	1960.
27	39.0	3.9	46.9	8.3	68.0	20.0	1986.	31.2	-.5	18.0	-7.8	1975.
28	40.5	4.7	50.2	10.1	74.0	23.3	1985.	30.8	-.7	18.0	-7.8	1982.+
29	41.8	5.4	51.9	11.0	78.0	25.6	1981.	31.7	-.2	18.0	-7.8	1966.+
30	41.4	5.2	49.5	9.7	79.0	26.1	1977.	33.3	.7	22.0	-5.6	1969.
31	41.7	5.4	49.5	9.7	72.0	22.2	1968.	33.9	1.1	21.0	-6.1	1965.
MONTH	37.0	2.8	45.2	7.3	79.0	26.1	1977.	28.8	-1.8	2.0	-16.7	1980.+

NOTES :
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+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH :APR

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	43.4	6.3	53.3	11.8	79.0	26.1	1967.	33.5	.8	16.0	-8.9	1969.
2	44.6	7.0	54.0	12.2	83.0	28.3	1967.	35.2	1.8	22.0	-5.6	1964.
3	43.9	6.6	53.5	11.9	78.0	25.6	1967.	34.3	1.3	18.0	-7.8	1954.
4	42.9	6.1	51.2	10.7	66.0	18.9	1960.	34.7	1.5	15.0	-9.4	1954.
5	44.7	7.1	54.0	12.2	67.0	19.4	1968.+	35.4	1.9	22.0	-5.6	1982.+
6	43.2	6.2	52.3	11.3	65.0	18.3	1962.	34.2	1.2	17.0	-8.3	1982.
7	43.3	6.3	52.0	11.1	68.0	20.0	1969.	34.5	1.4	15.0	-9.4	1982.
8	43.8	6.6	52.3	11.3	75.0	23.9	1959.	35.4	1.9	22.0	-5.6	1982.
9	43.5	6.4	52.8	11.5	76.0	24.4	1970.	34.3	1.3	27.0	-2.8	1982.
10	45.4	7.4	54.6	12.5	74.0	23.3	1955.	36.1	2.3	25.0	-3.9	1985.
11	44.9	7.2	53.9	12.2	76.0	24.4	1955.+	35.9	2.2	26.0	-3.3	1960.
12	45.6	7.5	55.9	13.3	80.0	26.7	1977.+	35.3	1.8	25.0	-3.9	1976.
13	45.9	7.7	56.1	13.4	85.0	29.4	1968.	35.7	2.1	26.0	-3.3	1967.+
14	47.3	8.5	57.2	14.0	80.0	26.7	1945.	37.4	3.0	28.0	-2.2	1963.
15	47.0	8.3	57.0	13.9	80.0	26.7	1969.	37.0	2.8	28.0	-2.2	1957.
16	48.1	8.9	57.6	14.2	80.0	26.7	1976.	38.6	3.6	28.0	-2.2	1957.
17	51.3	10.7	61.7	16.5	83.0	28.3	1976.	40.9	4.9	31.0	-.6	1980.+
18	50.6	10.3	61.4	16.3	91.0	32.8	1976.	39.8	4.3	29.0	-1.7	1980.+
19	49.3	9.6	59.3	15.2	92.0	33.3	1976.	39.3	4.0	29.0	-1.7	1961.
20	48.3	9.1	58.1	14.5	86.0	30.0	1976.	38.5	3.6	29.0	-1.7	1965.
21	50.7	10.4	61.8	16.6	87.0	30.6	1957.	39.7	4.3	27.0	-2.8	1969.
22	50.4	10.2	60.6	15.9	83.0	28.3	1977.	40.3	4.6	31.0	-.6	1981.+
23	50.0	10.0	60.1	15.6	79.0	26.1	1973.	39.9	4.4	30.0	-1.1	1965.
24	48.5	9.1	56.2	13.4	72.0	22.2	1979.+	40.7	4.9	30.0	-1.1	1962.
25	49.6	9.8	58.6	14.8	81.0	27.2	1962.	40.5	4.7	30.0	-1.1	1965.+
26	49.8	9.9	58.1	14.5	79.0	26.1	1985.	41.6	5.3	32.0	.0	1967.
27	50.6	10.3	59.6	15.4	89.0	31.7	1962.	41.5	5.3	30.0	-1.1	1963.
28	51.6	10.9	61.3	16.3	83.0	28.3	1969.+	42.0	5.6	32.0	.0	1971.+
29	51.8	11.0	61.4	16.4	81.0	27.2	1974.	42.2	5.7	31.0	-.6	1966.
30	52.7	11.5	63.3	17.4	84.0	28.9	1985.	42.2	5.7	31.0	-.6	1966.
MONTH	47.4	8.6	57.0	13.9	92.0	33.3	1976.	37.9	3.3	15.0	-9.4	1982.+

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THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH :MAY

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	54.0	12.2	65.5	18.6	79.0	26.1	1985.+	42.6	5.9	32.0	.0	1978.+
2	51.8	11.0	60.8	16.0	74.0	23.3	1976.	42.8	6.0	31.0	-.6	1978.
3	52.8	11.6	63.7	17.6	83.0	28.3	1969.	41.9	5.5	31.0	-.6	1964.
4	53.6	12.0	63.2	17.3	86.0	30.0	1965.	43.9	6.6	33.0	.6	1986.
5	53.5	12.0	63.1	17.3	81.0	27.2	1960.	44.0	6.7	34.0	1.1	1978.
6	53.1	11.7	62.9	17.2	81.0	27.2	1960.	43.3	6.3	32.0	.0	1961.
7	53.1	11.7	63.1	17.3	83.0	28.3	1964.	43.0	6.1	32.0	.0	1967.
8	53.9	12.2	63.3	17.4	90.0	32.2	1964.	44.5	7.0	28.0	-2.2	1968.
9	55.0	12.8	64.8	18.2	90.0	32.2	1979.+	45.2	7.3	32.0	.0	1956.
10	56.5	13.6	67.2	19.6	92.0	33.3	1965.	45.7	7.6	35.0	1.7	1966.
11	56.3	13.5	65.9	18.8	90.0	32.2	1985.	46.6	8.1	33.0	.6	1966.
12	56.6	13.7	66.5	19.2	89.0	31.7	1959.	46.7	8.1	36.0	2.2	1963.
13	57.7	14.3	68.4	20.2	82.0	27.8	1985.	46.9	8.3	36.0	2.2	1963.
14	56.3	13.5	66.2	19.0	83.0	28.3	1961.	46.4	8.0	34.0	1.1	1986.
15	56.8	13.8	66.9	19.4	83.0	28.3	1961.	46.8	8.2	37.0	2.8	1986.+
16	57.3	14.1	67.4	19.7	85.0	29.4	1965.	47.2	8.5	38.0	3.3	1958.
17	58.8	14.9	69.1	20.6	90.0	32.2	1977.	48.5	9.2	37.0	2.8	1956.
18	57.3	14.1	67.4	19.7	89.0	31.7	1986.	47.2	8.4	34.0	1.1	1983.
19	58.5	14.7	69.1	20.6	92.0	33.3	1962.	47.9	8.9	36.0	2.2	1981.
20	60.0	15.5	70.3	21.3	89.0	31.7	1959.	49.7	9.8	41.0	5.0	1981.
21	59.8	15.5	70.4	21.3	85.0	29.4	1975.+	49.3	9.6	40.0	4.4	1956.
22	60.5	15.8	71.6	22.0	89.0	31.7	1959.	49.5	9.7	40.0	4.4	1965.
23	60.1	15.6	70.3	21.3	95.0	35.0	1964.	49.9	10.0	38.0	3.3	1967.
24	58.6	14.8	67.9	20.0	95.0	35.0	1964.	49.3	9.6	36.0	2.2	1963.
25	59.6	15.3	70.0	21.1	88.0	31.1	1981.+	49.2	9.6	36.0	2.2	1956.
26	59.7	15.4	69.7	20.9	91.0	32.8	1965.	49.8	9.9	34.0	1.1	1968.
27	60.1	15.6	70.9	21.6	88.0	31.1	1959.	49.3	9.6	31.0	-.6	1969.
28	61.1	16.1	71.8	22.1	87.0	30.6	1978.+	50.4	10.2	31.0	-.6	1968.
29	61.6	16.4	72.1	22.3	93.0	33.9	1978.	51.1	10.6	39.0	3.9	1962.
30	62.3	16.9	72.6	22.6	91.0	32.8	1986.	52.0	11.1	39.0	3.9	1985.
31	63.7	17.6	74.2	23.5	90.0	32.2	1956.	53.2	11.8	36.0	2.2	1961.
MONTH	57.4	14.1	67.6	19.8	95.0	35.0	1964.+	47.2	8.5	28.0	-2.2	1968.

NOTES :
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THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	64.4	18.0	74.8	23.8	88.0	31.1	1962.	54.0	12.2	38.0	3.3	1945.
2	62.9	17.2	72.2	22.3	86.0	30.0	1967.	53.6	12.0	38.0	3.3	1945.
3	62.4	16.9	71.8	22.1	87.0	30.6	1985.	53.0	11.7	43.0	6.1	1986.
4	63.1	17.3	73.4	23.0	88.0	31.1	1966.	52.8	11.6	43.0	6.1	1965.
5	63.3	17.4	73.5	23.1	89.0	31.7	1984.	53.1	11.7	43.0	6.1	1978.
6	63.4	17.5	73.9	23.3	93.0	33.9	1968.	53.0	11.7	40.0	4.4	1964.
7	63.4	17.4	73.1	22.9	93.0	33.9	1968.	53.6	12.0	45.0	7.2	1974.
8	63.8	17.7	74.2	23.4	96.0	35.6	1984.	53.4	11.9	44.0	6.7	1974.
9	65.6	18.7	76.3	24.6	97.0	36.1	1984.	55.0	12.8	44.0	6.7	1980.
10	65.6	18.7	76.4	24.7	97.0	36.1	1984.	54.9	12.7	45.0	7.2	1983.+
11	65.9	18.8	76.2	24.5	96.0	35.6	1984.	55.7	13.1	42.0	5.6	1980.
12	65.0	18.4	76.0	24.4	92.0	33.3	1973.+	54.1	12.3	38.0	3.3	1972.
13	64.9	18.3	74.2	23.5	95.0	35.0	1984.+	55.6	13.1	45.0	7.2	1979.
14	64.6	18.1	74.3	23.5	91.0	32.8	1956.	54.9	12.7	45.0	7.2	1979.
15	66.6	19.2	77.4	25.2	95.0	35.0	1956.	55.9	13.3	44.0	6.7	1978.+
16	67.5	19.7	77.6	25.4	96.0	35.6	1967.	57.3	14.1	41.0	5.0	1965.
17	66.8	19.3	76.2	24.6	90.0	32.2	1967.	57.4	14.1	42.0	5.6	1978.
18	67.2	19.5	77.6	25.3	88.0	31.1	1955.	56.8	13.8	41.0	5.0	1965.
19	67.9	19.9	78.0	25.6	92.0	33.3	1957.	57.7	14.3	48.0	8.9	1965.
20	67.4	19.7	77.5	25.3	92.0	33.3	1964.	57.4	14.1	48.0	8.9	1956.
21	66.5	19.1	76.1	24.5	90.0	32.2	1965.	56.8	13.8	48.0	8.9	1986.+
22	68.4	20.2	78.9	26.0	89.0	31.7	1956.	57.8	14.3	48.0	8.9	1962.
23	69.9	21.1	80.2	26.8	92.0	33.3	1983.+	59.7	15.4	50.0	10.0	1958.
24	69.8	21.0	79.8	26.6	90.0	32.2	1983.+	59.8	15.4	52.0	11.1	1978.+
25	68.3	20.1	77.8	25.5	93.0	33.9	1980.	58.7	14.8	44.0	6.7	1986.
26	67.0	19.4	76.1	24.5	93.0	33.9	1963.	57.8	14.3	43.0	6.1	1986.
27	68.2	20.1	78.0	25.5	94.0	34.4	1983.+	58.4	14.6	50.0	10.0	1985.+
28	69.4	20.8	79.8	26.6	94.0	34.4	1969.	59.0	15.0	48.0	8.9	1962.
29	69.8	21.0	80.1	26.7	88.0	31.1	1965.+	59.5	15.3	50.0	10.0	1970.
30	71.2	21.8	80.6	27.0	94.0	34.4	1971.+	61.7	16.5	51.0	10.6	1985.
MONTH	66.3	19.1	76.4	24.7	97.0	36.1	1984.+	56.3	13.5	38.0	3.3	1972.+

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	71.8	22.1	82.2	27.9	97.0	36.1	1964.+	61.3	16.3	49.0	9.4	1978.
2	72.5	22.5	83.0	28.3	95.0	35.0	1968.+	61.9	16.6	45.0	7.2	1978.
3	71.6	22.0	81.2	27.3	98.0	36.7	1966.	61.9	16.6	48.0	8.9	1978.
4	70.7	21.5	80.4	26.9	93.0	33.9	1983.+	61.1	16.2	50.0	10.0	1986.
5	69.6	20.9	79.1	26.2	95.0	35.0	1955.	60.0	15.6	50.0	10.0	1978.
6	69.3	20.7	78.3	25.7	89.0	31.7	1971.	60.3	15.7	49.0	9.4	1962.
7	70.8	21.6	81.5	27.5	94.0	34.4	1986.+	60.1	15.6	45.0	7.2	1965.
8	72.7	22.6	83.4	28.6	96.0	35.6	1981.	62.0	16.7	53.0	11.7	1972.
9	73.0	22.8	83.3	28.5	96.0	35.6	1981.	62.7	17.1	52.0	11.1	1969.
10	72.5	22.5	82.0	27.8	90.0	32.2	1978.+	63.1	17.3	54.0	12.2	1963.+
11	70.9	21.6	80.5	26.9	90.0	32.2	1966.	61.4	16.3	50.0	10.0	1978.
12	70.9	21.6	80.7	27.1	92.0	33.3	1972.+	61.0	16.1	48.0	8.9	1978.
13	72.0	22.2	81.4	27.5	93.0	33.9	1966.	62.5	17.0	52.0	11.1	1978.+
14	73.6	23.1	83.0	28.4	96.0	35.6	1984.	64.1	17.8	56.0	13.3	1980.+
15	72.8	22.7	82.0	27.8	95.0	35.0	1984.	63.7	17.6	55.0	12.8	1962.
16	72.8	22.7	82.2	27.9	97.0	36.1	1968.	63.5	17.5	53.0	11.7	1966.
17	73.6	23.1	83.8	28.8	95.0	35.0	1969.	63.3	17.4	55.0	12.8	1954.
18	73.7	23.2	83.5	28.6	93.0	33.9	1983.+	63.8	17.7	53.0	11.7	1958.+
19	74.6	23.7	84.4	29.1	98.0	36.7	1982.	64.8	18.2	57.0	13.9	1973.
20	73.5	23.1	81.9	27.7	96.0	35.6	1977.	65.1	18.4	55.0	12.8	1965.
21	73.1	22.9	82.5	28.0	99.0	37.2	1977.	63.8	17.7	50.0	10.0	1966.
22	73.1	22.8	82.7	28.2	96.0	35.6	1980.+	63.5	17.5	54.0	12.2	1965.
23	73.2	22.9	83.0	28.3	96.0	35.6	1955.	63.4	17.4	52.0	11.1	1976.
24	73.2	22.9	82.6	28.1	92.0	33.3	1970.	63.8	17.6	53.0	11.7	1981.
25	73.1	22.8	82.6	28.1	94.0	34.4	1963.	63.5	17.5	54.0	12.2	1962.
26	72.5	22.5	82.2	27.9	95.0	35.0	1963.	62.7	17.1	49.0	9.4	1978.
27	72.1	22.3	81.7	27.6	94.0	34.4	1963.	62.4	16.9	54.0	12.2	1977.+
28	72.5	22.5	81.7	27.6	94.0	34.4	1970.+	63.3	17.4	54.0	12.2	1977.
29	73.0	22.8	81.8	27.7	93.0	33.9	1970.	64.3	17.9	57.0	13.9	1984.+
30	72.4	22.5	81.5	27.5	90.0	32.2	1983.	63.4	17.4	49.0	9.4	1968.
31	72.7	22.6	81.9	27.7	96.0	35.6	1975.	63.5	17.5	55.0	12.8	1956.
MONTH	72.4	22.4	82.0	27.8	99.0	37.2	1977.	62.7	17.1	45.0	7.2	1978.+

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

D14790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	73.4	23.0	83.1	28.4	96.0	35.6	1975.	63.8	17.7	51.0	10.6	1964.
2	73.2	22.9	82.0	27.8	102.0	38.9	1975.	64.4	18.0	52.0	11.1	1961.
3	72.7	22.6	81.9	27.7	93.0	33.9	1957.	63.4	17.5	53.0	11.7	1985.+
4	72.7	22.6	82.1	27.9	92.0	33.3	1980.	63.3	17.4	50.0	10.0	1966.+
5	72.2	22.3	81.8	27.7	100.0	37.8	1955.	62.5	17.0	49.0	9.4	1972.
6	71.4	21.9	80.9	27.2	94.0	34.4	1977.	61.8	16.6	52.0	11.1	1972.+
7	72.2	22.3	81.6	27.6	92.0	33.3	1980.	62.7	17.1	50.0	10.0	1964.
8	73.5	23.0	82.7	28.2	95.0	35.0	1980.	64.2	17.9	55.0	12.8	1957.+
9	72.8	22.7	81.8	27.7	93.0	33.9	1980.+	63.8	17.6	50.0	10.0	1964.
10	71.7	22.1	80.6	27.0	92.0	33.3	1971.	62.8	17.1	46.0	7.8	1964.
11	71.3	21.8	79.6	26.5	92.0	33.3	1977.	63.0	17.2	51.0	10.6	1972.+
12	70.1	21.2	79.1	26.2	91.0	32.8	1980.	61.1	16.2	49.0	9.4	1968.
13	70.9	21.6	80.1	26.7	91.0	32.8	1959.	61.6	16.5	50.0	10.0	1957.
14	71.6	22.0	81.4	27.4	93.0	33.9	1985.	61.8	16.5	45.0	7.2	1964.
15	72.2	22.3	81.9	27.7	94.0	34.4	1985.	62.4	16.9	46.0	7.8	1964.
16	71.4	21.9	81.4	27.5	94.0	34.4	1959.	61.5	16.4	46.0	7.8	1964.
17	71.8	22.1	80.9	27.2	92.0	33.3	1959.	62.7	17.0	52.0	11.1	1961.
18	70.4	21.4	79.7	26.5	91.0	32.8	1967.	61.2	16.2	51.0	10.6	1945.
19	69.6	20.9	78.7	25.9	93.0	33.9	1966.	60.5	15.8	50.0	10.0	1958.
20	70.7	21.5	80.0	26.7	94.0	34.4	1955.	61.3	16.3	50.0	10.0	1976.+
21	69.8	21.0	79.6	26.5	96.0	35.6	1955.	60.0	15.6	52.0	11.1	1975.
22	69.3	20.7	78.2	25.7	92.0	33.3	1976.	60.3	15.7	48.0	8.9	1982.
23	67.8	19.9	76.8	24.9	87.0	30.6	1978.	58.8	14.9	48.0	8.9	1962.+
24	67.7	19.8	77.1	25.1	90.0	32.2	1969.	58.2	14.6	48.0	8.9	1962.
25	68.2	20.1	77.4	25.2	93.0	33.9	1968.	59.0	15.0	47.0	8.3	1981.
26	68.7	20.4	78.9	26.1	91.0	32.8	1980.	58.4	14.7	45.0	7.2	1981.
27	70.9	21.6	80.7	27.1	93.0	33.9	1959.	61.1	16.2	48.0	8.9	1963.
28	69.9	21.1	79.9	26.6	93.0	33.9	1959.	59.9	15.5	42.0	5.6	1986.
29	69.3	20.7	78.6	25.9	91.0	32.8	1978.+	60.1	15.6	40.0	4.4	1986.
30	68.6	20.3	77.4	25.2	91.0	32.8	1973.	59.7	15.4	37.0	2.8	1986.
31	69.1	20.6	78.8	26.0	91.0	32.8	1980.	59.3	15.2	38.0	3.3	1965.
MONTH	70.8	21.6	80.2	26.8	102.0	38.9	1975.	61.4	16.4	37.0	2.8	1986.

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH :SEP

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	69.2	20.7	79.0	26.1	92.0	33.3	1980.+	59.4	15.2	48.0	8.9	1986.+
2	68.7	20.4	77.8	25.5	95.0	35.0	1980.	59.6	15.3	46.0	7.8	1963.
3	67.6	19.8	76.1	24.5	88.0	31.1	1983.+	59.0	15.0	48.0	8.9	1970.
4	67.3	19.6	76.5	24.7	90.0	32.2	1985.+	58.0	14.4	44.0	6.7	1965.
5	68.5	20.3	78.6	25.9	92.0	33.3	1971.	58.4	14.6	45.0	7.2	1965.
6	67.4	19.7	76.7	24.8	92.0	33.3	1983.	58.1	14.5	45.0	7.2	1965.
7	66.1	18.9	76.4	24.7	91.0	32.8	1983.	55.8	13.2	40.0	4.4	1962.
8	65.6	18.7	75.6	24.2	91.0	32.8	1945.	55.5	13.1	45.0	7.2	1978.
9	64.5	18.0	74.2	23.4	94.0	34.4	1971.	54.8	12.6	38.0	3.3	1986.
10	65.3	18.5	75.4	24.1	89.0	31.7	1961.	55.1	12.8	43.0	6.1	1978.
11	65.7	18.7	75.4	24.1	96.0	35.6	1983.	56.0	13.3	43.0	6.1	1969.+
12	65.4	18.6	75.3	24.0	92.0	33.3	1961.	55.6	13.1	44.0	6.7	1985.+
13	63.6	17.5	73.4	23.0	92.0	33.3	1957.	53.8	12.1	44.0	6.7	1963.
14	63.3	17.4	72.4	22.4	89.0	31.7	1981.	54.1	12.3	40.0	4.4	1964.
15	61.3	16.3	70.5	21.4	85.0	29.4	1958.	52.1	11.1	37.0	2.8	1986.
16	60.9	16.1	70.0	21.1	87.0	30.6	1971.	51.9	11.0	40.0	4.4	1964.
17	60.5	15.8	69.3	20.7	85.0	29.4	1972.+	51.6	10.9	41.0	5.0	1986.
18	62.0	16.7	71.2	21.8	85.0	29.4	1955.	52.8	11.5	37.0	2.8	1986.
19	61.1	16.2	70.5	21.4	89.0	31.7	1983.	51.7	10.9	37.0	2.8	1964.+
20	61.5	16.4	71.7	22.0	91.0	32.8	1983.	51.3	10.7	34.0	1.1	1964.
21	61.6	16.4	70.6	21.4	88.0	31.1	1978.+	52.6	11.5	33.0	.6	1969.
22	62.3	16.8	71.3	21.8	90.0	32.2	1970.+	53.3	11.8	33.0	.6	1969.
23	60.5	15.8	69.5	20.8	92.0	33.3	1970.	51.4	10.8	34.0	1.1	1969.
24	59.2	15.1	67.9	20.0	88.0	31.1	1959.	50.4	10.2	36.0	2.2	1963.
25	59.7	15.4	69.4	20.8	86.0	30.0	1970.	49.9	9.9	33.0	.6	1963.
26	60.6	15.9	70.9	21.6	90.0	32.2	1958.	50.2	10.1	37.0	2.8	1978.+
27	60.0	15.6	69.8	21.0	83.0	28.3	1972.	50.2	10.1	32.0	.0	1978.
28	59.1	15.0	68.3	20.2	83.0	28.3	1959.+	49.8	9.9	36.0	2.2	1965.+
29	59.4	15.2	68.5	20.3	84.0	28.9	1945.	50.4	10.2	35.0	1.7	1957.
30	58.0	14.4	67.9	20.0	86.0	30.0	1986.	48.0	8.9	35.0	1.7	1978.+
MONTH	63.2	17.3	72.7	22.6	96.0	35.6	1983.	53.7	12.1	32.0	.0	1978.

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

G14790 SOUTH WEYMOUTH, MA — LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 — MONTH :OCT

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	58.7	14.8	67.6	19.8	83.0	28.3	1954.	49.8	9.9	33.0	.6	1963.
2	58.4	14.6	67.8	19.9	86.0	30.0	1954.	48.9	9.4	36.0	2.2	1964.
3	57.6	14.2	66.7	19.3	80.0	26.7	1983.	48.4	9.1	32.0	.0	1945.
4	57.0	13.9	66.6	19.2	85.0	29.4	1959.	47.5	8.6	29.0	-1.7	1945.
5	56.6	13.6	65.8	18.8	80.0	26.7	1967.	47.3	8.5	27.0	-2.8	1965.
6	55.3	12.9	65.2	18.4	84.0	28.9	1963.	45.4	7.4	26.0	-3.3	1965.
7	54.9	12.7	64.3	17.9	88.0	31.1	1963.	45.6	7.6	30.0	-1.1	1984.+
8	55.3	12.9	65.0	18.3	78.0	25.6	1966.	45.5	7.5	32.0	.0	1954.
9	55.5	13.1	65.1	18.4	79.0	26.1	1961.	45.9	7.7	34.0	1.1	1963.
10	53.3	11.8	62.3	16.8	82.0	27.8	1958.	44.3	6.8	30.0	-1.1	1963.
11	53.5	11.9	63.0	17.2	82.0	27.8	1955.	44.0	6.7	30.0	-1.1	1972.
12	54.1	12.3	63.9	17.7	87.0	30.6	1954.	44.2	6.8	28.0	-2.2	1964.
13	53.7	12.1	63.2	17.4	87.0	30.6	1954.	44.2	6.8	32.0	.0	1981.+
14	54.1	12.3	64.3	17.9	79.0	26.1	1954.	44.0	6.7	28.0	-2.2	1972.
15	55.6	13.1	66.8	19.3	84.0	28.9	1956.	44.5	7.0	28.0	-2.2	1972.
16	54.2	12.3	64.8	18.2	86.0	30.0	1956.	43.5	6.4	28.0	-2.2	1972.+
17	52.6	11.5	61.8	16.6	84.0	28.9	1968.	43.4	6.3	27.0	-2.8	1978.
18	52.1	11.2	62.1	16.7	78.0	25.6	1968.	42.2	5.7	29.0	-1.7	1966.
19	51.7	10.9	61.5	16.4	82.0	27.8	1965.+	41.9	5.5	28.0	-2.2	1970.
20	51.1	10.6	60.6	15.9	78.0	25.6	1984.+	41.6	5.3	26.0	-3.3	1970.
21	51.5	10.9	62.1	16.7	80.0	26.7	1979.	41.0	5.0	26.0	-3.3	1972.
22	51.4	10.8	61.8	16.6	86.0	30.0	1979.	41.0	5.0	29.0	-1.7	1974.
23	53.1	11.7	63.1	17.3	79.0	26.1	1978.	43.1	6.2	28.0	-2.2	1969.
24	50.9	10.5	59.8	15.5	78.0	25.6	1972.	42.0	5.5	23.0	-5.0	1969.
25	49.5	9.7	58.2	14.6	82.0	27.8	1963.	40.8	4.9	27.0	-2.8	1962.
26	49.6	9.8	57.2	14.0	82.0	27.8	1963.	41.9	5.5	30.0	-1.1	1972.
27	48.6	9.2	57.7	14.3	83.0	28.3	1963.	39.6	4.2	28.0	-2.2	1966.
28	48.4	9.1	58.5	14.7	77.0	25.0	1971.+	38.3	3.5	27.0	-2.8	1961.
29	48.4	9.1	58.0	14.4	72.0	22.2	1984.+	38.9	3.8	28.0	-2.2	1962.
30	46.7	8.2	55.6	13.1	72.0	22.2	1982.+	37.7	3.2	22.0	-5.6	1966.
31	48.4	9.1	57.7	14.3	74.0	23.3	1956.	39.1	4.0	18.0	-7.8	1966.
MONTH	53.0	11.7	62.5	17.0	88.0	31.1	1963.	43.4	6.3	18.0	-7.8	1966.

NOTES :
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+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH :NOV

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	48.8	9.3	58.4	14.6	78.0	25.6	1971.	39.2	4.0	23.0	-5.0	1968.
2	48.5	9.2	57.8	14.3	76.0	24.4	1982.	39.2	4.0	22.0	-5.6	1965.
3	49.2	9.5	57.3	14.0	74.0	23.3	1975.	41.1	5.0	22.0	-5.6	1965.
4	49.6	9.8	58.5	14.7	76.0	24.4	1977.	40.8	4.9	29.0	-1.7	1966.
5	47.6	8.7	55.2	12.9	75.0	23.9	1961.	40.0	4.4	25.0	-3.9	1965.
6	46.3	8.0	54.1	12.3	73.0	22.8	1959.	38.6	3.7	25.0	-3.9	1967.+
7	46.3	7.9	54.4	12.4	73.0	22.8	1975.	38.2	3.5	23.0	-5.0	1962.
8	46.1	7.8	53.8	12.1	71.0	21.7	1945.	38.3	3.5	24.0	-4.4	1960.
9	45.9	7.7	54.3	12.4	73.0	22.8	1975.	37.6	3.1	23.0	-5.0	1971.
10	44.7	7.1	51.8	11.0	70.0	21.1	1985.	37.7	3.2	23.0	-5.0	1965.+
11	43.6	6.4	50.9	10.5	70.0	21.1	1984.	36.2	2.3	19.0	-7.2	1956.
12	45.0	7.2	52.7	11.5	67.0	19.4	1984.	37.4	3.0	23.0	-5.0	1957.
13	44.0	6.7	51.8	11.0	73.0	22.8	1964.	36.2	2.3	21.0	-6.1	1986.
14	43.7	6.5	51.3	10.7	70.0	21.1	1959.	36.0	2.2	18.0	-7.8	1986.
15	42.1	5.6	49.9	10.0	69.0	20.6	1956.	34.2	1.2	20.0	-6.7	1967.
16	42.1	5.6	50.1	10.0	68.0	20.0	1956.	34.2	1.2	14.0	-10.0	1967.
17	42.5	5.8	51.4	10.8	64.0	17.8	1954.	33.6	.9	13.0	-10.6	1967.
18	43.1	6.2	50.4	10.2	73.0	22.8	1963.	35.9	2.2	20.0	-6.7	1959.
19	41.3	5.1	49.7	9.8	68.0	20.0	1957.	32.8	.5	20.0	-6.7	1986.
20	41.3	5.2	50.0	10.0	73.0	22.8	1985.	32.6	.3	14.0	-10.0	1986.
21	40.8	4.9	49.3	9.6	66.0	18.9	1975.	32.3	.2	18.0	-7.8	1967.
22	39.8	4.3	47.1	8.4	63.0	17.2	1983.+	32.5	.3	17.0	-8.3	1969.
23	39.1	3.9	46.9	8.3	71.0	21.7	1979.	31.2	-.5	15.0	-9.4	1964.
24	40.9	5.0	49.2	9.5	72.0	22.2	1979.	32.7	.4	17.0	-8.3	1956.
25	38.8	3.8	47.0	8.3	74.0	23.3	1979.	30.7	-.7	18.0	-7.8	1956.
26	39.6	4.2	48.4	9.1	68.0	20.0	1979.	30.8	-.7	18.0	-7.8	1978.+
27	40.0	4.4	48.5	9.2	64.0	17.8	1984.	31.5	-.3	15.0	-9.4	1957.
28	41.1	5.1	49.4	9.6	66.0	18.9	1984.	32.9	.5	17.0	-8.3	1968.
29	40.7	4.8	47.9	8.8	68.0	20.0	1963.	33.5	.8	20.0	-6.7	1955.
30	36.7	2.6	44.0	6.7	66.0	18.9	1963.	29.4	-1.5	13.0	-10.6	1967.
MONTH	43.3	6.3	51.4	10.8	78.0	25.6	1971.	35.2	1.8	13.0	-10.6	1967.+

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29 - DAILY AVERAGE/EXTREME TEMPERATURES

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH :DEC

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	33.7	1.0	41.2	5.1	64.0	17.8	1962.	26.2	-3.2	14.0	-10.0	1981.+
2	35.5	1.9	43.8	6.6	61.0	16.1	1985.+	27.2	-2.7	13.0	-10.6	1967.
3	35.2	1.8	43.4	6.3	61.0	16.1	1986.	27.0	-2.8	7.0	-13.9	1976.
4	35.6	2.0	42.8	6.0	67.0	19.4	1982.	28.4	-2.0	8.0	-13.3	1976.
5	34.7	1.5	41.9	5.5	62.0	16.7	1973.	27.4	-2.6	13.0	-10.6	1976.
6	36.7	2.6	44.8	7.1	64.0	17.8	1982.	28.6	-1.9	14.0	-10.0	1976.+
7	35.2	1.8	42.9	6.1	60.0	15.6	1956.	27.5	-2.5	8.0	-13.3	1964.
8	34.6	1.5	42.7	6.0	63.0	17.2	1966.	26.5	-3.1	4.0	-15.6	1964.
9	34.8	1.6	43.4	6.3	66.0	18.9	1966.	26.3	-3.2	6.0	-14.4	1968.
10	33.4	.8	40.6	4.8	58.0	14.4	1966.	26.1	-3.3	5.0	-15.0	1968.
11	32.6	.3	40.1	4.5	64.0	17.8	1969.	25.0	-3.9	3.0	-16.1	1958.
12	32.3	.2	40.0	4.4	66.0	18.9	1979.	24.7	-4.1	5.0	-15.0	1960.
13	33.0	.6	41.6	5.3	63.0	17.2	1984.	24.5	-4.2	-2.0	-18.9	1958.
14	32.0	.0	40.2	4.6	58.0	14.4	1968.	23.8	-4.5	.0	-17.8	1982.
15	32.0	.0	38.9	3.9	61.0	16.1	1975.	25.1	-3.8	1.0	-17.2	1960.
16	32.2	.1	39.7	4.3	62.0	16.7	1971.	24.7	-4.0	7.0	-13.9	1961.
17	31.1	-.5	39.4	4.1	63.0	17.2	1984.	22.9	-5.1	-1.0	-18.3	1980.
18	29.0	-1.7	37.6	3.1	60.0	15.6	1984.	20.4	-6.4	-3.0	-19.4	1980.
19	27.9	-2.3	36.0	2.2	59.0	15.0	1967.	19.7	-6.8	6.0	-14.4	1985.+
20	27.8	-2.4	35.2	1.8	63.0	17.2	1957.	20.3	-6.5	-2.0	-18.9	1980.
21	27.1	-2.7	34.7	1.5	62.0	16.7	1957.	19.5	-6.9	-3.0	-19.4	1955.
22	28.8	-1.8	36.3	2.4	58.0	14.4	1967.	21.2	-6.0	-2.0	-18.9	1980.
23	29.7	-1.3	37.8	3.2	56.0	13.3	1957.	21.7	-5.7	-1.0	-18.3	1963.
24	30.7	-.7	39.7	3.7	56.0	13.3	1957.	22.8	-5.1	2.0	-16.7	1960.
25	30.5	-.8	39.2	4.0	65.0	18.3	1964.	21.9	-5.6	-8.0	-22.2	1980.
26	30.2	-1.0	38.6	3.7	63.0	17.2	1982.	21.8	-5.7	-10.0	-23.3	1980.
27	28.4	-2.0	35.7	2.0	57.0	13.9	1964.	21.1	-6.1	5.0	-15.0	1968.
28	29.6	-1.3	37.2	2.9	57.0	13.9	1982.	21.9	-5.6	1.0	-17.2	1963.
29	31.6	-.2	40.1	4.5	74.0	23.3	1984.	23.1	-4.9	1.0	-17.2	1963.
30	28.6	-1.9	36.5	2.5	61.0	16.1	1984.	20.7	-6.3	-8.0	-22.2	1962.
31	28.0	-2.2	36.2	2.4	63.0	17.2	1965.	19.8	-6.8	-8.0	-22.2	1962.
MONTH	31.7	-.2	39.6	4.2	74.0	23.3	1984.	23.8	-4.5	-10.0	-23.3	1980.

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30 - EXTREME VALUES

MAXIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	84	75	93	PART	91	91	80	71	MISS	MISS
1946	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1947	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1948	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1949	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1950	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1951	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1952	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1953	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1954	MISS	MISS	MISS	86	83	90	95	PART	83	87	66	56	PART
1955	44	55	62	76	87	91	96	100	85	82	60	49	100
1956	43	49	53	76	90	95	91	90	85	86	75	60	95
1957	55	68	61	87	89	92	95	93	92	76	68	63	95
1958	54	45	58	78	82	89	92	88	90	82	65	54	92
1959	59	51	70	76	89	93	90	94	88	85	73	59	94
1960	54	57	62	78	81	89	89	90	90	81	63	54	90
1961	54	57	65	70	84	92	88	89	92	PART	75	56	PART
1962	57	56	73	89	PART	88	89	86	87	PART	62	64	PART
1963	56	48	75	77	87	94	97	87	83	88	73	53	97
1964	52	47	74	87	95	94	MISS	88	PART	80	73	65	PART
1965	55	57	59	77	92	92	94	90	90	82	69	63	94
1966	59	53	65	69	85	93	98	93	92	78	68	66	98
1967	61	59	68	83	80	96	90	91	86	80	70	59	96
1968	52	55	77	85	77	93	97	93	88	85	64	59	97
1969	50	44	59	83	87	94	95	92	92	78	62	64	95
1970	49	59	59	80	88	88	94	93	92	79	66	59	94
1971	49	56	60	65	76	94	92	93	94	85	78	62	94
1972	58	53	64	81	86	84	92	90	85	79	66	62	92
1973	63	54	64	79	82	94	91	91	88	78	67	62	94
1974	62	59	68	81	86	88	93	90	85	77	73	60	93
1975	58	53	58	65	85	90	96	102	78	80	74	62	102
1976	58	63	67	92	82	90	89	92	84	76	62	56	92
1977	47	48	79	83	90	87	99	94	88	76	76	52	99
1978	58	43	57	76	93	88	96	92	88	79	69	61	96
1979	59	57	73	74	90	90	93	91	83	86	74	66	93
1980	58	51	60	70	86	93	98	95	95	75	61	61	98
1981	47	67	78	75	88	88	96	89	89	73	69	57	96
1982	55	55	64	80	84	82	98	86	86	80	76	67	98
1983	57	57	61	78	77	94	95	92	96	83	68	62	96
1984	54	62	55	81	84	97	96	91	84	78	70	74	97
1985	45	68	74	84	90	87	91	94	90	78	73	61	94
1986	60	48	73	74	91	86	94	86	86	80	68	61	94

30 - EXTREME VALUES

MAXIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945							92.						MAX TEMP
							28						# DAYS
1954								90.					MAX TEMP
								30					# DAYS
1961										79.			MAX TEMP
										22			# DAYS
1962					92.					77.			MAX TEMP
					24					30			# DAYS
1964									84.				MAX TEMP
									29				# DAYS

MINIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	31	35	38	PART	51	35	29	21	MISS	MISS
1946	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1947	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1948	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1949	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1950	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1951	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1952	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1953	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1954	MISS	MISS	MISS	15	41	49	55	PART	47	32	26	7	MISS
1955	7	0	13	30	38	46	57	51	40	31	20	-3	-3
1956	6	8	11	30	32	47	53	53	37	31	17	5	5
1957	-12	13	16	23	37	45	52	48	34	32	15	14	-12
1958	2	-4	26	30	37	45	53	50	41	31	16	-2	-4
1959	0	-2	18	31	40	45	57	55	41	29	20	10	-2
1960	10	19	9	26	39	48	53	51	42	33	22	1	1
1961	-10	-10	14	29	32	43	50	51	41	PART	24	5	MISS
1962	3	PART	2	26	PART	48	49	48	PART	PART	22	PART	MISS
1963	0	-6	16	27	36	PART	51	PART	33	30	23	-7	MISS
1964	-10	4	PART	21	31	40	MISS	PART	PART	28	PART	4	MISS
1965	-5	3	14	21	34	41	45	38	36	26	19	6	-5
1966	2	-2	18	26	33	42	50	50	40	18	23	12	-2
1967	8	-4	3	26	32	43	56	52	37	30	13	5	-4
1968	-7	0	6	28	28	48	49	46	38	29	17	-3	-7
1969	7	9	10	16	31	46	52	49	33	23	17	7	7
1970	-12	4	17	29	41	46	56	56	45	26	18	8	-12
1971	-9	-2	22	28	38	47	53	49	42	42	23	11	-9
1972	3	-2	7	24	36	38	51	49	43	26	20	12	-2
1973	3	4	24	32	42	45	52	56	43	35	26	10	3
1974	0	9	19	29	38	44	56	56	37	29	19	13	0
1975	12	0	18	27	36	49	53	50	42	32	29	4	0
1976	-2	2	18	25	37	46	52	49	41	29	24	3	-2
1977	-1	8	19	29	37	47	54	50	45	29	24	6	-1
1978	9	2	8	26	31	42	45	53	32	27	16	13	2
1979	3	-4	14	28	34	45	51	53	36	30	28	7	-4
1980	9	7	2	29	36	42	53	56	41	25	20	-10	-10
1981	-15	4	12	29	35	45	53	45	39	30	20	12	-15
1982	-6	9	8	15	41	46	52	47	47	30	18	-1	-6
1983	-2	6	20	32	34	45	55	51	42	27	29	0	-2
1984	-8	7	7	29	37	49	55	54	41	30	23	16	-8
1985	2	7	18	25	35	47	51	53	44	33	25	5	2
1986	-1	10	6	26	33	43	50	37	37	31	14	9	-1
MEAN	-.4	3.2	13.4	26.4	35.7	44.8	52.3	50.2	39.8	29.5	20.9	5.6	-3.3
S.D.	7.238	6.188	6.433	4.432	3.397	2.927	2.923	4.485	4.008	3.967	4.205	6.273	5.247
[illegible]	32	31	31	34	33	33	32	31	32	32	33	32	28

31 - EXTREME VALUES

MINIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

D14790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945							50.						MIN TEMP
							28						# DAYS
1954								51.					MIN TEMP
								30					# DAYS
1961										27.			MIN TEMP
										22			# DAYS
1962		-2.			39.				34.	23.		-8.	MIN TEMP
		26			22				29	30		30	# DAYS
1963						46.	46.						MIN TEMP
						28	30						# DAYS
1964			22.					45.	34.		15.		MIN TEMP
			30					30	28		29		# DAYS

HEATING DEGREE DAYS (BASE 65 DEG F)
(FROM DAILY OBS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	420	331	112	MISS	24	92	442	619	MISS	MISS
1946	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1947	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1948	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1949	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1950	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1951	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1952	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1953	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1954	MISS	MISS	MISS	475	304	56	0	MISS	109	276	639	1001	MISS
1955	1165	945	883	506	163	93	0	10	122	346	728	1244	6205
1956	1104	946	1010	629	368	55	16	12	205	379	626	917	6267
1957	1364	891	848	495	233	36	0	15	84	370	585	812	5733
1958	1076	1139	829	495	298	112	2	7	117	416	632	1239	6362
1959	1157	1089	887	490	173	100	1	9	93	361	657	938	5955
1960	1092	842	1030	495	144	27	0	3	120	361	603	1259	5976
1961	1354	1031	917	651	327	30	11	14	61	MISS	648	1047	MISS
1962	1185	1059	849	491	MISS	63	25	34	174	MISS	787	1175	MISS
1963	1185	1158	871	562	261	62	9	14	214	282	565	1304	6487
1964	1119	1070	753	512	189	61	MISS	63	MISS	418	664	1010	MISS
1965	1210	1043	933	639	196	95	5	37	132	434	784	1004	6517
1966	1214	1034	828	666	326	69	2	2	145	440	588	989	6303
1967	973	1107	965	572	366	52	0	4	95	383	775	976	6268
1968	1290	1165	812	407	320	71	1	18	70	326	760	1097	6337
1969	1132	1028	962	458	234	41	3	8	153	393	666	1035	6113
1970	1421	968	913	491	184	61	0	0	84	321	606	1135	6184
1971	1317	989	888	647	271	22	0	5	40	150	694	915	5938
1972	1030	1062	919	612	228	75	9	17	83	464	711	973	6183
1973	1043	994	706	467	243	34	7	2	125	356	617	848	5442
1974	1080	1053	808	467	326	67	0	0	113	503	661	922	6000
1975	1005	976	893	642	156	45	0	14	103	273	435	981	5523
1976	1219	828	783	382	178	35	1	21	108	445	747	1206	5953
1977	1352	1003	704	405	190	54	0	5	91	367	540	1004	5715
1978	1182	1145	965	581	323	56	30	9	169	426	680	974	6540
1979	1070	1204	713	560	212	62	6	18	144	411	479	858	5737
1980	1086	1056	854	523	241	94	1	4	70	436	718	1133	6216
1981	1459	794	851	416	228	22	0	12	107	459	650	1026	6024
1982	1330	993	847	550	192	98	4	23	82	346	570	866	5901
1983	1085	953	781	517	310	39	0	12	83	357	581	1035	5753
1984	1177	746	1002	535	208	32	4	0	132	305	594	807	5542
1985	1262	907	756	468	215	82	0	10	66	311	571	1096	5744
1986	1050	1019	796	523	269	97	25	39	154	405	696	947	6020

MOORE BUSINESS FORMS INC

33 - YEAR/MONTH VALUES

COOLING DEGREE DAYS (BASE 65 DEG F)
(FROM DAILY OBS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	11	1	123	MISS	138	99	0	0	MISS	MISS
1946	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1947	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1948	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1949	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1950	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1951	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1952	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1953	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1954	MISS	MISS	MISS	10	14	95	192	MISS	56	63	0	0	MISS
1955	0	0	0	0	36	110	345	272	51	3	0	0	817
1956	0	0	0	0	11	135	172	176	49	5	2	0	550
1957	0	0	0	6	31	181	232	123	103	0	0	0	676
1958	0	0	0	0	3	50	220	183	60	6	0	0	522
1959	0	0	0	0	64	72	254	252	160	16	0	0	818
1960	0	0	0	0	4	127	210	206	47	3	0	0	597
1961	0	0	0	0	14	96	190	170	137	MISS	1	0	MISS
1962	0	0	0	2	MISS	92	108	109	22	MISS	0	0	MISS
1963	0	0	0	0	9	122	219	106	12	13	0	0	481
1964	0	0	0	0	47	91	MISS	50	MISS	0	0	0	MISS
1965	0	0	0	0	33	133	193	208	71	0	0	0	638
1966	0	0	0	0	5	130	249	173	39	0	0	0	596
1967	0	0	0	3	3	158	275	250	49	12	0	0	750
1968	0	0	0	0	1	91	306	197	67	21	0	0	683
1969	0	0	0	5	15	124	184	267	43	2	0	0	640
1970	0	0	0	0	21	84	281	266	88	21	0	0	761
1971	0	0	0	0	4	152	276	262	147	20	7	0	868
1972	0	0	0	0	13	65	235	166	59	0	0	0	538
1973	0	0	0	3	10	155	207	269	73	1	0	0	718
1974	0	0	0	4	13	84	268	257	69	0	0	0	695
1975	0	0	0	0	49	116	339	205	16	1	1	0	727
1976	0	0	0	36	17	215	220	165	31	7	0	0	691
1977	0	0	0	4	79	111	302	317	67	4	0	0	884
1978	0	0	0	0	33	70	187	219	43	1	0	0	553
1979	0	0	0	0	28	72	309	195	59	18	0	0	681
1980	0	0	0	0	12	76	297	316	140	1	0	0	842
1981	0	0	0	0	34	128	262	210	47	0	0	0	681
1982	0	0	0	0	14	58	239	146	60	3	1	0	521
1983	0	0	0	0	2	119	311	224	168	18	0	0	842
1984	0	0	0	1	16	181	259	264	41	4	0	0	766
1985	0	0	0	4	24	65	278	211	80	3	0	0	665
1986	0	0	0	0	52	64	167	129	32	6	0	0	450

34 - YEAR/MONTH VALUES

MEAN TEMPERATURE (DEG F)
(FROM DAILY OBS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	51.3	54.3	65.3	70.5P	68.6	65.2	50.7	44.3	MISS	MISS
1946	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1947	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1948	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1949	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1950	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1951	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1952	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1953	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1954	MISS	MISS	MISS	49.5	55.6	66.2	71.1	68.6P	63.2	58.1	43.6	32.7	MISS
1955	27.4	31.2	36.5	48.1	60.9	65.5	76.1	73.4	62.6	53.9	40.7	24.8	50.1
1956	29.3	31.2	32.4	44.0	53.4	67.6	70.0	70.2	59.7	52.9	44.1	35.4	49.2
1957	21.0	33.1	37.6	48.6	58.4	69.8	72.4	68.4	65.6	53.0	45.5	38.8	51.0
1958	30.2	24.3	38.2	48.5	55.4	62.9	72.0	70.6	63.0	51.7	43.9	25.0	48.8
1959	27.6	26.1	36.3	48.6	61.4	64.0	73.1	72.8	67.2	53.8	43.0	34.7	50.7
1960	29.7	34.9	31.7	48.5	60.4	68.3	71.7	71.5	62.5	53.4	44.8	24.3	50.1
1961	21.3	28.1	35.4	43.2	54.9	67.1	70.7	70.0	67.5	56.6P	43.4	31.2	MISS
1962	26.7	24.2	37.6	48.6	57.9P	65.9	67.6	67.4	59.7	51.3P	38.7	25.8	MISS
1963	26.7	23.6	36.9	46.2	56.8	67.1	71.7	68.0	58.2	56.3	46.1	22.9	48.4
1964	28.9	26.7	39.8	47.9	60.4	66.0	MISS	64.5	60.0P	51.5	42.1	32.4	MISS
1965	25.9	27.7	34.7	43.6	59.7	66.2	71.0	70.5	62.9	51.0	38.8	32.6	48.7
1966	25.8	28.0	38.2	42.7	54.6	67.0	72.9	70.5	61.4	50.8	45.3	33.0	49.2
1967	33.6	25.4	33.8	46.0	53.2	68.5	73.8	72.9	63.4	53.0	39.1	33.5	49.7
1968	23.3	23.3	38.8	51.4	54.7	65.6	74.8	70.7	64.8	55.1	39.6	29.6	49.3
1969	28.4	28.2	33.9	49.8	57.9	67.7	70.8	73.3	61.3	52.3	42.7	31.6	49.8
1970	19.1	30.4	35.5	48.6	59.7	65.7	74.0	73.5	65.1	55.3	44.7	28.3	50.0
1971	22.5	29.6	36.3	43.4	56.3	69.3	73.9	73.2	68.5	60.8	42.0	35.4	50.9
1972	31.7	27.0	35.3	44.5	58.0	64.6	72.2	69.8	64.1	50.0	41.2	33.6	49.3
1973	31.3	29.5	42.2	49.5	57.4	69.0	71.4	73.6	63.2	53.5	44.4	37.6	51.9
1974	30.1	27.3	38.9	49.5	54.9	65.5	73.6	73.2	63.5	48.7	42.9	35.2	50.3
1975	32.5	30.1	36.1	43.5	61.5	67.3	75.9	71.1	62.0	56.2	50.5	33.3	51.7
1976	25.6	35.4	39.7	53.4	59.8	71.0	72.0	69.6	62.4	50.8	40.0	26.0	50.5
1977	21.3	29.1	42.2	51.6	61.4	66.8	74.7	75.0	64.1	53.2	47.0	32.6	51.6
1978	26.8	24.1	33.8	45.6	55.6	65.4	70.0	71.7	60.7	51.2	42.3	33.5	48.4
1979	30.4	22.0	42.0	46.3	59.0	65.3	74.7	70.7	62.1	52.3	49.0	37.3	50.9
1980	29.9	27.2	37.4	47.5	57.6	64.3	74.5	75.0	67.3	50.9	41.0	28.4	50.1
1981	17.9	36.6	37.5	51.1	58.7	68.5	73.4	71.3	63.0	50.1	43.3	31.9	50.3
1982	22.0	29.5	37.6	46.6	59.2	63.6	72.5	68.9	64.2	53.9	46.0	37.0	50.1
1983	30.0	30.9	39.8	47.7	55.0	67.6	75.0	71.8	67.8	54.0	45.6	31.6	51.4
1984	27.0	38.3	32.6	47.1	58.8	69.9	73.2	73.5	61.9	55.2	45.1	38.9	51.8
1985	24.2	32.6	40.6	49.5	58.8	64.4	73.9	71.4	65.4	55.0	45.9	29.6	50.9
1986	31.1	28.6	39.3	47.5	58.0	63.8	69.5	67.9	60.9	52.1	41.7	34.4	49.6

35 - YEAR/MONTH VALUES

TOTAL PRECIPITATION (INCHES)
(FROM DAILY OBS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	1.82	3.74	6.03	1.82	2.96	1.99	3.74	11.27	4.68	MISS
1946	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1947	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1948	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1949	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1950	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1951	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1952	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1953	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1954	MISS	MISS	1.24	5.28	8.17	1.98	2.54	2.30	MISS	MISS	MISS	MISS	MISS
1955	.78	5.70	3.53	5.48	.99	1.81	2.96	17.59	2.32	6.32	7.36	1.20	56.04
1956	7.26	4.44	6.19	3.20	2.44	2.56P	4.92	1.23P	4.79	4.41	3.58	7.66	MISS
1957	3.09	1.72	3.92	6.22	3.47	.69	.89	2.64	.85	3.03	6.31	5.67	38.50
1958	9.57	5.14	4.11	7.98	4.48	1.70	3.99	3.01P	4.73	3.77	3.58	2.67	MISS
1959	2.09	3.54	4.19	4.76	2.78	6.93	4.25	2.83	.57	5.51	4.10	4.17	45.72
1960	4.03	4.78	3.15	3.62	3.10	1.45	3.99	2.73	7.36	1.85	2.52	5.00	43.58
1961	3.07	4.66	3.30	4.53	3.99	1.79	2.60	3.22	8.33	3.01	2.99	1.92P	MISS
1962	3.42P	4.02	1.51	5.31	1.24	2.71	1.06	3.71	3.12	8.93	3.72	4.01	MISS
1963	3.54	3.38	4.17	1.70	3.27	2.06	2.77	2.84	2.83P	1.57	6.80	2.60P	MISS
1964	5.30	4.26	1.25P	5.21	.53	.90	2.00	1.26	2.79	2.46	2.67	4.12	MISS
1965	3.61	3.10	1.62	2.45	.52	2.35	1.42	1.08	2.36	3.15	2.02	1.68	25.36
1966	4.74	3.82	1.59	1.51	3.63	1.65	2.76	1.87	5.36	3.04	4.60	3.34	37.86
1967	2.80	4.25	5.04	3.89	3.58	3.51	2.35	3.51	3.19	1.22	2.99	5.82	45.15
1968	3.74	1.49	8.10	2.01	2.95	5.23	.67	2.10	1.33	2.91	7.09	5.64	43.26
1969	1.72	5.62	3.89	4.11	2.20	1.66	2.81	2.35	3.66	2.19	6.67	9.53	46.41
1970	1.89	6.40	4.14	3.11	2.30	3.52	.98	2.95	1.54	3.28	4.97	6.40	41.48
1971	2.51	4.73	2.74	2.73	3.91	.80	2.68	1.27	1.61	2.91	6.41	2.77	35.07
1972	1.75	5.81	6.04	3.12	5.84	5.19	2.61	1.62	6.12	3.10	7.72	7.11	56.03
1973	3.13	3.49	2.24	4.40	4.25	3.94	3.11	3.87	4.01	2.72	2.07	7.75	44.98
1974	4.54	2.90	4.13	3.56	3.13	3.06	1.20	2.62	4.30	2.81	1.91	3.58	37.74
1975	5.97	4.26	2.78	2.92	1.74	3.19	2.58	4.71	5.50	4.62	5.08	4.12	47.47
1976	6.41	2.79	2.38	1.94	2.33	.84	3.64	7.97	1.62	5.64	.74	3.58	39.88
1977	3.98	2.09	5.93	2.79	3.32	5.19	1.76	2.16	4.44	5.96	2.09	6.30	46.01
1978	7.89	3.08	2.93	1.77	4.84	1.28	2.02	5.46	.87P	3.51	2.89	4.49	MISS
1979	10.72	3.97	2.84	3.78	4.74	.95	2.22	6.18	3.76	4.74	4.48	1.88	50.26
1980	.92	.78	5.77	4.67	1.29	2.52	1.85	1.48	.49	4.67	3.14	1.43	29.01
1981	1.90	7.58	.72	3.11	1.52	2.80	3.65	1.31	3.44	3.57	5.26	7.04	41.90
1982	5.74	2.20	2.76	4.91	2.43	10.35	4.90	1.98	2.15	4.10	3.04	2.62	47.18
1983	4.88	5.04	9.83	7.59	3.07	2.03	1.19	5.29	1.76	3.47	9.64	5.71	59.50
1984	3.06	6.56	5.53	3.66	4.57	3.97	4.41	.64	1.12	4.06	1.06	2.51	41.15
1985	1.44	6.79	2.57	1.15	2.50	2.72	2.37	3.36	2.49	2.33	8.09	1.41	37.22
1986	4.48	3.59	2.76	1.97	1.87	5.90	4.74	6.59	.89	4.31	4.64	5.91	47.65

36 - WEATHER CONDITIONS

ATMOSPHERIC PHENOMENON
(FROM DAILY OBSERVATIONS)

014790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD : 1945-1986 MONTH : ALL

MONTH	HOURS (LST)	TSTM	RAIN &/OR DRIZZLE	FREEZE RAIN & FREEZE DRIZZLE	SNOW &/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
JAN	DAILY	.8	29.4	.0	41.9	.0	55.7	39.5	21.8	5.4	.0	51.7	592
FEB	DAILY	.8	25.5	.0	40.3	.0	51.8	39.2	26.6	6.4	.0	50.8	533
MAR	DAILY	1.8	37.6	.0	31.0	.2	53.5	44.5	23.7	3.1	.0	51.9	607
APR	DAILY	3.5	47.2	.0	12.0	.2	50.7	44.8	25.5	.3	.0	51.7	631
MAY	DAILY	5.8	53.9	.0	.6	.4	53.9	53.5	36.5	.0	.0	61.5	671
JUN	DAILY	13.3	48.5	.0	.0	.6	48.5	64.5	57.8	.0	.0	76.5	625
JUL	DAILY	13.0	42.8	.0	.0	.2	42.8	63.3	63.7	.0	.0	79.2	645
AUG	DAILY	14.4	41.7	.0	.0	.2	41.7	67.7	58.7	1.2	.2	77.4	647
SEP	DAILY	6.9	42.5	.0	.0	.0	42.5	64.3	47.8	.0	.0	71.0	624
OCT	DAILY	3.4	39.0	.0	1.5	.0	39.3	60.1	37.6	.0	.0	65.9	651
NOV	DAILY	2.1	49.4	.0	11.0	.0	52.8	52.1	28.0	.5	.0	58.3	654
DEC	DAILY	.2	39.4	.0	32.5	.0	55.3	45.8	22.1	2.5	.0	55.9	653
ANN	DAILY	5.6	41.8	.0	13.6	.1	49.0	53.6	37.7	1.5	.0*	62.9	7533

NOTES :
* = PERCENT < .05

37 - STATION CLIMATIC SUMMARY

14790 SOUTH WEYMOUTH, MA LAT. : 42 09N LONG. : 70 56W ELEV. : 161 FT
PERIOD OF RECORD (HOURLY): 1945-1986 PERIOD OF RECORD (DAILY) : 1945-1986

	TEMPERATURE (DEG F)					PRECIPITATION (INCHES) (&&)				SNOWFALL (@)			REL HUM (LST)		VAP PR	DEW PT.	PR ALT	WIND (KTS)			SKY	MEAN NO. OF DAYS WITH (&)						TEMP (DEG F)			
	MEANS			EXTREME		PRECIP.			24H			24H	PERCENT		IN.	(F)	FT.	PREVAIL	MAX		CVR	PRECIP. INCHES			SNOW- FALL (")		TH	FOG	MAX	MAX	MIN	MIN
	MAX	MIN	AVG	MAX	MIN	MEAN	MAX	MIN	MAX	MEAN	MAX	MAX	04	13	HG.		$	DIR	SPD	GST	+	>=.01	>=.50	>=1.0	>=1.5	STM	*	>=90	>=75	<=32	<=0
JAN	35	18	27	63	-15	.4	10.7	.8	2.7	12	31	15	70	60	.09	16	105	W	8	51	OVR	11	3	5	2	#	12	0	0	27	2
FEB	37	20	29	68	-10	.4	7.6	.8	3.1	12	43	17	70	59	.09	18	110	W	9	60	OVR	10	3	5	2	#	10	0	0	24	1
MAR	45	29	37	79	2	.4	9.8	.7	3.9	8	25	13	72	56	.13	25	105	W	9	62	OVR	11	2	4	2	1	14	0	#	21	0
APR	57	38	48	92	15	.4	8.0	1.2	2.8	1	13	12	74	51	.19	33	95	SSW	9	51	OVR	11	3	1	#	1	13	#	2	7	0
MAY	68	47	58	95	28	.3	8.2	.5	2.9	T	T	T	78	52	.29	44	70	SSW	8	46	OVR	11	2	0	0	2	16	#	8	#	0
JUN	76	56	67	97	38	.3	10.4	.7	2.4	0	0	0	83	55	.43	55	65	SSW	8	52	OVR	11	2	0	0	4	19	2	18	0	0
JUL	82	63	73	99	45	.3	4.9	.7	2.1	0	0	0	84	54	.54	61	60	SSW	7	51	OVR	9	2	0	0	4	19	4	27	0	0
AUG	80	61	71	102	37	.4	17.6	.6	6.2	0	0	0	84	56	.53	60	55	SSW	7	47	OVR	10	2	0	0	4	21	3	24	0	0
SEP	73	54	63	96	32	.3	8.3	.5	3.9	0	0	0	83	58	.41	53	60	SSW	7	61	OVR	8	2	0	0	2	19	1	13	#	0
OCT	63	43	53	88	18	.4	8.9	1.2	2.8	T	4	4	80	56	.27	43	80	SSW	7	43	OVR	9	2	#	#	1	19	0	3	3	0
NOV	51	35	44	78	13	.5	11.3	.7	3.1	2	23	23	77	60	.19	33	95	W	8	51	OVR	12	3	1	#	1	16	0	#	13	0
DEC	40	24	32	74	-10	.4	9.5	1.2	2.7	9	30	14	72	60	.12	22	100	W	8	54	OVR	12	3	5	2	#	14	0	0	25	1
ANN	59	41	50	102	-15	4.4	59.5	25.4	6.2	43	86	23	77	56	.24	39	85	SSW	8	62	OVR	125	28	20	9	20	192	9	95	118	3
POR	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	38	32	32	32	32	32	32	32	32	32	32	32

NOTES :

T = TRACE AMOUNTS (< .05, < .5 INCHES

= MEAN NO. DAYS < .5 DAYS

$ = PRESSURE ALTITUDE IN TENS OF FEET (I.E., 50 = 500 FEET)

@ = NAVY STATIONS REPORTED HAIL AS SNOWFALL
NWS STATIONS REPORTED HAIL AS SNOWFALL FOR THE PERIOD JULY 1948-DECEMBER 1955.

+ = THE PREDOMINANT SKY CONDITION

* = VISIBILITY IS NOT CONSIDERED

& = ANNUAL TOTALS MAY DIFFER FROM THE SUM OF THE MONTHLY VALUES BECAUSE OF ROUNDING

~ = 24 HOUR MAXIMUM PRECIPITATION AND SNOWFALL ARE DAILY TOTAL VALUES (MID-NIGHT TO MID-NIGHT TOTALS).

JAN	35	18	27	63	-15	41	1072	78	265	12	31	15	70	60	9	16
	105	13	8	51	4	11	3	5	2	-999999	12	0	0	27	2	
FEB	37	20	29	68	-10	41	758	78	310	12	43	17	70	59	9	18
	110	13	9	60	4	10	3	5	2	-999999	10	0	0	24	1	
MAR	45	29	37	79	2	38	983	72	388	8	25	13	72	56	13	25
	105	13	9	62	4	11	2	4	2	1	14	0	0	21	0	
APR	57	38	48	92	15	38	798	115	283	1	13	12	74	51	19	33
	95	10	9	51	4	11	3	1	-999998	1	13	0	2	7	0	
MAY	68	47	58	95	28	32	817	52	292	88888	88888	88888	78	52	29	44
	70	10	8	46	4	11	2	0	0	2	16	0	8	0	0	
JUN	76	56	67	97	38	29	1035	69	241	0	0	0	83	55	43	55
	65	10	8	52	4	11	2	0	0	4	19	2	18	0	0	
JUL	82	63	73	99	45	26	492	67	207	0	0	0	84	54	54	61
	60	10	7	51	4	9	2	0	0	4	19	4	27	0	0	
AUG	80	61	71	102	37	35	1759	64	623	0	0	0	84	56	53	60
	55	10	7	47	4	10	2	0	0	4	21	3	24	0	0	
SEP	73	54	63	96	32	31	833	49	393	0	0	0	83	58	41	53
	60	10	7	61	4	8	2	0	0	2	19	1	13	0	0	
OCT	63	43	53	88	18	37	893	122	280	88888	4	4	80	56	27	43
	80	10	7	43	4	9	2	-999998	-999998	1	19	0	3	3	0	
NOV	51	35	44	78	13	46	1127	74	310	2	23	23	77	60	19	33
	95	13	8	51	4	12	3	1	-999998	1	16	0	0	13	0	
DEC	40	24	32	74	-10	43	953	120	269	9	30	14	72	60	12	22
	100	13	8	54	4	12	3	5	2	-999999	14	0	0	25	1	
ANN	59	41	50	102	-15	438	5950	2536	623	43	86	23	77	56	24	39
	85	0	8	62	4	125	28	20	9	20	192	9	95	118	3	
	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42
	42	42	42	38	42	42	42	42	42	42	42	42	42	42	42	